LIBER 2023
BUDAPEST ∗ 5-7 JULY

52nd LIBER Annual Conference

Open and Trusted

Reassessing research library values

Hosted by the Library and Information Centre of the Hungarian Academy of Sciences

**5–7 July 2023
Budapest
Hungary**

52ⁿᵈ LIBER Annual Conference

Open and Trusted
Reassessing research library values

Hosted by the
Library and Information Centre of the
Hungarian Academy of Sciences (MTA KIK)
in Budapest, Hungary

Venue provided by
Central European University Budapest

5–7 July 2023

@LIBERconference
#LIBER2023

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Dear attendees,

It is a pleasure and a privilege for me to welcome you to the 52nd LIBER Conference, taking place in Budapest in July 2023.

I am very thankful to our hosts, the Hungarian Academy of Sciences, and more specifically the Library and Information Centre, as well as the Central European University, with the support of the university library. I know how much work it is to prepare and to hold such a large and rich event for our local partners, together with the LIBER office. After two years of online conferences, and a successful in-person conference last year in Odense, we are fully aware of how lucky we are to be able to meet and network in the beautiful city of Budapest, thanks to the commitment of our Hungarian colleagues, who dedicated time and energy during the past year and months to prepare the best possible experience for us all.

Budapest means a lot for our community. Across Europe, research libraries have been early adopters, ambassadors and even creators of Open Access initiatives and policies. The first institutional repositories, often developed and managed by libraries, date back more than twenty years. Open Science is now seen as a standard component of research strategies. Very few young researchers and librarians know that it has been a long and tricky road. It started small with activist circles trying to change rules and practices to create a world where science is truly open and shared, with the ultimate goal of turning science into a global and public good. One of the earliest and most important milestones on that road to Open Science is the Budapest Open Access Initiative in 2002 – to "make research free and available to anyone with internet access

and promote advances in the sciences, medicine, and health". Though followed and sustained by many other Declarations, this Initiative is still vivid. It celebrated its 20th anniversary in February 2022 with new recommendations for the next ten years regarding infrastructures, research assessment, APCs and read-and-publish agreements.

The Budapest Declaration is tightly connected to the theme of LIBER's 2023 conference, *"Open and trusted – Reassessing research library values"*. Research libraries are gateways to scientific and scholarly information. They are facilitating flows of scientific information for all – not only the research community – and they are encouraging people and groups to make their own way through data and publications. Building on their unique position at the crossroads of information and knowledge, research libraries can perform as trusted hubs that reliably connect communities together, which was and still is the ultimate ambition of Open Access and Open Science.

Wishing you a fruitful and exciting conference.

Sincerely

Julien Roche

LIBER President

The voice of Evidence. Change. **Science.**

Computer artwork of HIV particles (purple) binding to a dendritic cell (blue), whose dendrites (extensions) are interacting with a lymphocyte cell (lower right).

sciencemag.org/journals

Science ⬢AAAS Science Advances ⬢AAAS Science Signaling ⬢AAAS Science Immunology ⬢AAAS Science Translational Medicine ⬢AAAS Science Robotics ⬢AAAS

BUDAPEST BOOK CAPITAL 2023

BOOKS ARE BRIDGES
BOOKS ARE ACTION
BOOKS ARE FREEDOM

BUDAPEST BOOK CAPITAL 2023

Budapest became not only the capital of our country, but also the capital of books in 2023. On this occasion, countless programs related to books and reading are available for those who are interested.

We warmly welcome LIBER Conference participants to our program below.

Following 'The Paul Street Boys' – smartphone guided city walking tour

During the tour you can get to know the locations of Ferenc Molnár's world-famous novel, interesting local history and details of the novel.

Date: 7 July 2023, 3 PM

Language: English

Duration: 90 mins

Please note you need your own smartphone to participate in the tour.

Further information/Registration:
www.konyvfovaros.hu/en

Dear Delegates, Dear Colleagues,

A warm welcome from the Hungarian Librarians,

Libraries are not different from us. They like to be recognised for their values and they like to say so. It is not enough if we know it, besides, we are always doubting ourselves, especially when we look in the mirror in the morning.

However, libraries also have other human characteristics. They are devoted to their relationships. They serve others, with willingness and knowledge, but they also demand to be recognised for that service.

Librarians often feel looked down upon by people who could not get on with their work without them. Though libraries were there before universities, and without libraries, there is no education, no culture, no science. If we quote Erasmus of Rotterdam – 'the century should be proud of itself for having me born into it' – I would warn everyone of the necessity of finding the 'golden mean' before choosing between the Scylla of the renowned humanist's vision and the Charybdise of the inferiority complex.

The library (and the librarian) can be an inquisitor – think of Umberto Eco's librarian who prevented us from reading Aristotle's *Ars Poetica* on laughter – but it is fundamentally democratic. Like Justus Lipsius (*De bibliothecis*), who makes ancient and Christianised classical values accessible to all and preserves them, and like Gabriel Naudé (*Advis pour dresser une bibliothèque*), who, ahead of modern American pragmatism, developed a system to guide the beginner reader and researcher in the sea where the librarian is the expert guide. Nor should we

forget that the library card catalogue democratically places any author of a civil origin before a Saint, a Pope or a King, only the initials of the name count.

The 21st century began with the Budapest Open Access Initiative. To be honest, it was not a statement by the librarians. If it were, it might not have been taken seriously. Though libraries are also known for their systematic and organised work. They work consistently, taking into account the views of publishers and authors with a commitment to open science. They know: *'audiatur et altera pars'* (hear the other party too) – the intellectuals of the world are beginning to forget this, if we only look at the right of one side, the result will be conflict, war. There is no one truth, as a library we can move forward in the field of open science only by continuously learning and trying to understand the truth of all the players.

Wishing you a fruitful and inspiring conference!

István Monok

Director General

Library and Information Centre of the Hungarian Academy of Sciences

ESSENTIAL INFORMATION

CONFERENCE VENUE

The venue of the LIBER 2023 annual conference (5–7 July) is the **Central European University (CEU)**.
Address: 1051 Budapest, Nádor u. 15.

Registration, pre-conference workshops, and the main conference will take place here. Pre-conference workshops 2, 4 and 9 will take place at the Library and Information Center of the Hungarian Academy of Sciences – MTA Library (address: 1051 Budapest, Arany János u. 1. – find map on page 229). Please see the detailed programme.

EMERGING LEADERS PROGRAMME VENUE (2–4 JULY)

The Emerging Leaders Programme will take place at the MTA Library (**Library and Information Centre of the Hungarian Academy of Sciences**).
Address: 1051 Budapest, Arany János u. 1.

ARRIVING AT BUDAPEST AIRPORT

When arriving at Budapest Ferenc Liszt International Airport, the easiest way to get to the city centre is by taxi. The official taxi company is called **'Főtaxi'** and their booth is just outside the arrivals hall. Hosts and hostesses will help you to get a car.

An alternative option is to use the shuttle service Minibud.

Public transport is also an option. **Bus 100E** goes straight to the city centre (*Deák tér*), while **Bus 200E** goes to the nearest metro station (*Kőbánya-Kispest*), where you can take the metro to the city centre.

Planning your trip is easy with the official **BudapestGO** website and application.

ARRIVING BY TRAIN

All major train stations (Keleti pályaudvar, Nyugati pályaudvar, Déli pályaudvar) are well connected to the city centre by public transport. We recommend using the **BudapestGO** website or app to plan your journey from train stations to the city centre.

Getting around in Budapest

If you choose to book accommodation with one of the Conference Hotels, with which we've negotiated a discount, you're within easy walking distance of the venue.

At the conference registration at the venue, we will give you a **complimentary 3-day unlimited public transport pass** that you can use during your visit to Budapest.

Please note: you will need to cover your own transport before arriving at registration. **The public transport pass is not valid on Bus 100E to/from the airport.**

All conference venues (Central European University, Hungarian Academy of Sciences – Conference Reception, Pesti Vigadó – Conference Dinner) are within walking distance.

Arriving by car and parking

Parking in the city centre is almost impossible, due to the limited number of parking spaces. In the city centre, the parking fee is HUF 600/hour between 8:00 and 22:00.

Registration

The LIBER 2023 Conference staff are available to assist you at the Registration Desk during the following hours:

5 July, Wednesday: 08:00–17:15
6 July, Thursday: 08:00–17:00
7 July, Friday: 08:00–12:30

Getting online

Each delegate will receive the Wi-Fi code at the Registration Desk.

Catering

Tea, coffee, and lunch breaks are included for all delegates. The conference reception on Thursday, 6 July is also included in the registration fee.

If you notified us of your dietary requirements during registration, the back of your name badge will state that you have made a "Diet request". You will find what you need in the coffee/lunch area.

If in doubt, please speak to one of our catering assistants.

Please note: we may not be able to fulfil all dietary requests, but our catering staff will do their best to accommodate your needs.

Conference Dinner

The Conference Dinner will take place at the **Pesti Vigadó**, a historical building of Budapest that opened in 1865. This building was previously used for concerts and balls, with Ferenc Liszt giving concerts here as well. Nowadays, it is a prominent venue for concerts, gala dinners, exhibitions, and other cultural events.

Dress Code: Smart
Date: 5 July, Wednesday
Start time: 18:00
Location: Pesti Vigadó, 1051 Budapest, Vigadó tér 2.

Please note: You must book and pay for the Conference Dinner in advance. The registration fee does not include the conference dinner.

Conference Reception – Sponsored by EBSCO

Join us for an evening of Hungarian wines and cuisine at the Palace of the Academy. The Academy Club Restaurant has a unique past, this part of the building used to be the Library of the Academy. The building was opened in 1865 based on the plans of Friedrich August Stüler; the famous Berliner architect.

Dress code: Casual
Date: 6 July, Thursday
Start time: 18.00
Location: Palace of the Hungarian Academy of Sciences, 1051 Budapest, Széchenyi tér 9.

Please note: The Conference Reception is **included in your fee**, but you must have confirmed your attendance during registration.

Saturday excursion to Esztergom

Esztergom is a city in Northern Hungary, 46 km from Budapest. Esztergom was the capital of Hungary from the 10th century until the mid-13th century when King Béla IV of Hungary moved the royal seat to Buda. We shall visit the historical Cathedral Library of Esztergom and the Castle Museum during the one-day trip. On the way back to Budapest we stop at the Panorama Restaurant for lunch and where we can also enjoy the view over the Danube bend.

The coach leaves at 9:00 and arrives in Budapest at around 17:00.
Date: 8 July, Saturday

Please note: The excursion is not included in the registration fee. You must book and pay in advance for this programme.

Obtaining a visa to attend the Conference

Visitors needing a visa to participate should contact the organisers by e-mail at liber2023@kultturist.hu. Please note that the organisation adheres to European Union rules regarding visa applications.

EXHIBITORS

LIBER GOLD SPONSORS
EBSCO (Ground Floor)

LIBER SILVER SPONSORS
Emerald (Ground Floor)
ProQuest (Clarivate) (Ground Floor)
Digital Science/Overleaf (First Floor)

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EBSCO (Ground Floor)

LOCAL SILVER SPONSORS
Akadémiai Kiadó (First Floor)
Frontiers (First Floor)
ProQuest (Clarivate) (Ground Floor)
Technology from Sage (First Floor)

LOCAL SPONSORS/EXHIBITORS
AAAS/Science (First Floor)
AMDigital (First Floor)
Bloomsbury (First Floor)
Brill (First Floor)
Budapest Book Capital
GALE (First Floor)
CEU Press (First Floor)
Clinical Key, Elsevier (First Floor)
CNKI (First Floor)
COPIM (First Floor)
Keenious (First Floor)
L'Harmattan (First Floor)
MA Group (First Floor)
OpenAire (First Floor)
Open Research Europe (Ground Floor)
Royal Society of Chemistry (First Floor)

Scientific Knowledge Services (First Floor)
Springer Nature (First Floor)
Taylor & Francis (First Floor)
Ubiquity Press (First Floor)

POP-UP STAND EXHIBITORS
(Ground Floor – Catering Area)

MA Group	5 July, Wednesday afternoon
AAAS/Science	6 July, Thursday afternoon

COFFEE BREAK SPONSORS
(Ground Floor – Catering Area)

Technology from Sage	6 July, Thursday morning
Frontiers	7 July, Friday morning

SOCIAL PROGRAMMES

CONFERENCE DINNER

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Dress Code: Smart
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Start time: 18:00
Location: Pesti Vigadó, 1051 Budapest, Vigadó tér 2.

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Dress code: Casual
Date: 6 July, Thursday
Start time: 18.00
Location: Palace of the Hungarian Academy of Sciences, 1051 Budapest, Széchenyi tér 9.

Please note: The Conference Reception is included in your fee, but you must have confirmed your attendance during registration.

GUIDED LIBRARY VISITS ON FRIDAY AFTERNOON (7 JULY)

During the conference, delegates will have the option of joining one of a number of walking tours of Budapest's finest libraries. There are 7 tours to choose from:

TOUR 1

Library of the Hungarian Academy of Sciences (Manuscript and Old and Rare Book Collection)

The Library of the Hungarian Academy of Sciences is based on the 30,000 volumes donated by the Academy's first president, Count József Teleki (1790–1855), to the Learned Society in 1826. With this collection, 600 manuscript volumes and 409 incunabula (books printed before 1500) were acquired by the Library, whose Department of Manuscripts has been an independent unit since 1861. Its first head was archaeologist and art historian Flóris Rómer (1815–1889), a regular member of the Academy. Although incunables and old Hungarian books have always been committed to the care of the Department, it was only in 1891 that their classification in sixteen orders was finished and a catalogue was made accessible to the public. The Department's Rare Book Division was set up in 1954. In the same year, the bulk of pre-1800 foreign and pre-1850 Hungarian books was transferred to the Department from the Library's main stacks.

Tour starts: 14:00
Tour ends: around 17:00
Max number of places: 25–30

Location: Palace of the Hungarian Academy of Sciences, H-1051 Budapest, Széchenyi István tér 9.

Approx. travel time (walking) and distance from Central European University: 2 minutes.

BADGE CODE: MTAK KEZ

Tour 2

Library of the Hungarian Academy of Sciences (Oriental Collection)

Although the necessity to form a separate Oriental Collection was stated by Hungarian scholars already in the 19th century, this collection was only established as a special unit within the Library thanks to the efforts of the then Vice-President, the outstanding Orientalist Louis Ligeti (1902–1987), after the restructuring of the Hungarian Academy of Sciences in 1949. The Collection, known at that time as the Oriental Library, was opened in 1951 on the ground floor of the Palace of the Academy to become the main reference library of Oriental studies in Hungary. Its development, including the Oriental design of its reading room, praises the Turcologist László Rásonyi who headed the Collection from 1951–1961. He selected its stock from the old divisions of the Library. In addition to contemporary monographs, the Collection became enriched by 16th–18th-century books written about the Orient or in Oriental languages. The holdings also include the most comprehensive Hungarian collection of periodicals of Oriental studies together with unique manuscripts. The acquisition of the periodicals started in the 19th century, therefore the collection holds complete serials from these most prestigious journals. From among the manuscripts the Tibetan, Turkish and Hebrew collections are of international importance, the majority of which were donated to the Library. In addition to the special units described a few manuscripts from Ethiopia, India and the Far-East are also to be found here.

Tour starts: 14:00
Tour ends: around 17:00
Max number of places: 25–30

Location: Palace of the Hungarian Academy of Sciences, H-1051 Budapest, Széchenyi István tér 9.
Approx. travel time (walking) and distance from Central European University: 2 minutes.

BADGE CODE: MTAK KGY

TOUR 3

Library of the Central European University

The Central European University (CEU) Library's mission is to provide exemplary library and academic information services in support of teaching, learning, and research. Building on our traditional values of promoting openness, we serve the CEU community in Vienna and the academic and research public in Budapest along with Central and Eastern Europe. Together with campus partners, the CEU Library develops new and augments existing library services in response to changes in pedagogy and the research needs of the CEU faculty and students. This contributes to enhancing CEU's leadership position as an academic institution of excellence in the humanities and social sciences, business, law, and public policy.

Tour starts: 14:00
Tour ends: around 17:00
Max number of places: 25–30

Location: Central European University, H-1051 Budapest, Nádor u. 15.
Approx. travel time (walking) and distance from Central European University: 0 minutes.

BADGE CODE: CEU

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Tour 4

National Széchényi Library

Hungary's National Széchényi Library was founded in 1802. It owes its establishment and name to the highly patriotic Hungarian aristocrat, Count Ferenc Széchényi. At the end of the 18th century, he sought out Hungarian books in Hungary and abroad and brought them together into one single collection, which he donated to the nation in 1802. In the following year the public library, available to all, was opened in Pest. Aiming at comprehensive coverage, National Széchényi Library collects publications and prints of any kind produced in Hungary, receiving two deposit copies of each, non-book materials (sound recordings, video materials, documents in electronic forms, etc.), works published abroad in the Hungarian language, written by Hungarian authors, translated from Hungarian or related to Hungary, as well as manuscripts in Hungarian or related to Hungary. In addition to the material listed above, which is dubbed "hungarica", the Library also collects literature connected with other Finno-Ugrian people, since the Hungarian language belongs to this family of languages, and also literature related to neighbouring countries.

Tour starts: 14:00
Tour ends: around 17:00
Max number of places: 25–30

Location: H-1827 Budapest, Buda Castle, "F" Building
Approx. travel time and distance from Central European University:
20 minutes (public transport + walking).

BADGE CODE: OSZK

TOUR **5**

Library of the Hungarian Parliament

The library of the Hungarian Parliament is a legislative library, a public library and a special library all in one. Law and public administration, political science, 20th century and contemporary history are its main interests. It collects all domestic titles that cover these fields and a selection of related foreign titles. The library has the biggest public collection of Hungarian parliamentary documents and a selective collection of Hungarian history, modern world history, economics, sociology, statistics and documents from foreign parliaments. It is a depository library of the United Nations, some of its specialised agencies and The European Union. In the reading room, approximately 45.000 documents are available in 12 different subject areas. The size of the holdings is approximately 600.000 volumes, and annual acquisitions are close to 5000 pieces.

Tour starts: 14:00
Tour ends: around 17:00
Max number of places: 25–30

Location: H-1055 Budapest, Kossuth Lajos tér 1-3.

Approx. travel time (walking) and distance from Central European University: 10 minutes.

BADGE CODE: OGYK

TOUR 6

Eötvös Loránd University Library and Archives

The library was founded by Miklós Oláh, archbishop of Esztergom, in 1561. It became a university library in 1635 when Péter Pázmány founded the university of Nagyszombat. The Royal Hungarian University and the library moved to Buda together in 1777, then to Pest in 1784. The present library building was built in 1876 according to the plans of Antal Skalnitzky. The most beautiful room is the Main Reading Room. It is more than 200 square metres and receives natural light through the glass ceiling; in addition, its walls are decorated with frescoes painted by Károly Lotz. The library holds nearly 2 million documents, including books and journals supporting the current university education and research. In addition, there are 185 codices (14 of them are corvina), about 1,200 ancient prints, several valuable manuscripts, 11,000 antiquities from the 16th century, as well as 15,000 baroque and 75,000 volumes from the 18th century.

Tour starts: 14:00
Tour ends: around 17:00
Max number of places: 25–30

Location: H-1053 Budapest, Ferenciek tere 6.
Approx. travel time (walking) and distance from Central European University: 30 minutes walking or 20 minutes by public transport.

BADGE CODE: ELTE

Tour 7

Metropolitan Ervin Szabó Library

The establishment of the Metropolitan Ervin Szabó Library was accepted by the City's General Assembly in 1903, and in 2004 it celebrated the 100th anniversary of its opening. The institution was set up by the combination of two special libraries ensuring the material, financial, and staff conditions were recorded in the Rules for Operation. In 1927, the City Council purchased the beautiful Neo-Baroque Wenckheim Palace, built in 1889, in the centre of Budapest (in the so-called palace quarter set up in the Reformation Age). After four years of reconstruction, the library was opened in 1931. From 1955 the Central Library was qualified as the main library within the network as well as the national resource library in social sciences and modern world history. It also has a nationwide range of influence serving the reference library system and systematically explores material on national sociology. The Music Collection was established in 1964, and in 1968 the library was qualified as the national resource library in sociology. The use of the Central Library housed in the Wenckheim Palace has been growing rapidly since 1952. Registered users are mainly intellectuals and increasingly students.

Tour starts: 14:00
Tour ends: around 17:00
Max number of places: 25–30

Location: H-1088 Budapest, Szabó Ervin tér 1.
Approx. travel time (walking/public transport) and distance from Central European University: 30 minutes walking or 20 minutes by public transport.

BADGE CODE: FSZEK

EXTRA LITERARY TOUR ON FRIDAY, COURTESY OF BUDAPEST BOOK CAPITAL 2023

FOLLOWING *THE PAUL STREET BOYS* – SMARTPHONE GUIDED CITY WALKING TOUR

Budapest became not only the capital of our country, but also the capital of books in 2023. On this occasion, countless programs related to books and reading are available for those who are interested.

We warmly welcome LIBER Conference participants to our program below.

Following *The Paul Street Boys* – smartphone guided city walking tour

During the tour you can get to know the locations of Ferenc Molnár's world-famous novel, interesting local history and details of the novel.

Date: 7 July, Friday, 15:00

Language: English

Duration: 90 mins

Please note that you need your own smartphone to participate in the tour.

Further information/registration:

https://www.budapestkonyvfovaros.hu/esemeny/The_Paul_Street_Boys%E2%80%99_smartphone_guided_city_walking_tour

Saturday excursion to Esztergom

Esztergom is a city in Northern Hungary, 46 km from Budapest. Esztergom was the capital of Hungary from the 10th century until the mid-13th century when King Béla IV of Hungary moved the royal seat to Buda. We shall visit the historical Cathedral Library of Esztergom and the Castle Museum during the one-day trip. On the way back to Budapest we stop at the Panorama Restaurant for lunch and where we can also enjoy the view over the Danube bend.

The coach leaves at 09:00 and arrives in Budapest at around 17:00.
Date: 8 July, Saturday

Please note: The excursion is not included in the registration fee. You must book and pay in advance for this programme.

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https://open-research-europe.ec.europa.eu/

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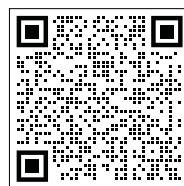
PROGRAMME AT A GLANCE

PRE-CONFERENCE PROGRAMME

SUNDAY, 2 JULY, MONDAY 3 JULY AND TUESDAY 4 JULY
LIBER Emerging Leaders Programme and LIBER Executive Board Meetings: By invitation only.
See full programme for details.

CONFERENCE PROGRAMME

WEDNESDAY 5 JULY 2023	
08:00–17:15	Registration is open – Registration desk, CEU
09:00–10:30	Workshops
10:30–11:00	Coffee Break – Coffee & Lunch area CEU
11:00–12:00	Workshops continued
12:00–12:45	Newcomer Session – CEU Auditorium
12:00–12:45	Lunch
12:45–13:15	Opening Ceremony – CEU Auditorium
13:15–14:00	Opening Keynote – CEU Auditorium Sándor Soós, Head of the Department for Science Policy and Scientometrics at the Library and Information Centre of the Hungarian Academy of Sciences.
14:00–14:15	Conference Picture – CEU Auditorium
14:00–14:30	Coffee Break – Coffee & Lunch area CEU
14:00–17:15	Professional Exhibition – CEU
14:00–17:15	Poster Exhibition – Coffee & Lunch area CEU
14:30–16:00	Parallel Sessions
	Session 1: Open Access Management: cross-border cases – CEU Auditorium
	Session 2: Getting Down to Business: active approaches to library challenges – CEU 103
	Session 3: Find and Seek: building and preserving collections – CEU 101
	Session 4: Hands-on Practices for Research Data Management – CEU 106
16:00–17:15	LIBER Strategy: Engage With Us! – CEU Auditorium

18:00–22:00	Conference Dinner* Pesti Vigadó, 1051 Budapest, Vigadó tér 2. *with registration

THURSDAY 6 JULY 2023	
08:00–17:00	Registration – Registration desk, CEU
08:30–17:00	Professional Exhibition – CEU
08:30–17:00	Poster Exhibition – Coffee & Lunch area CEU
09:00–09:45	Keynote Speech – CEU Auditorium Chris Bourg, Director of Libraries at Massachusetts Institute of Technology (MIT)
09:45–11:15	Parallel Sessions
	Session 5: Building Communities: bolstering the library network – CEU Auditorium
	Session 6: Cultivating Change: rights retention and open research practices – CEU 106
	Session 7: Future-proofing Libraries: fostering, valuing, and managing institutions – CEU 101
	Session 8: Unlocking Collections: expanding research library frontiers – CEU 103
11:15–12:00	Coffee Break & Poster Session – *coffee break sponsored by Technology from Sage* – Coffee & Lunch area CEU
12:00–12:30	Sponsor Strategy Update: EBSCO – CEU Auditorium
12:30–13:30	Lunch – Coffee & Lunch area CEU
12:30–13:30	Conference Programme Committee Meeting* – CEU 102 *By invitation only.
13:30–14:30	Panel Discussion: SCOSS: Open Science infrastructures speak about sustainability challenges – CEU Auditorium
14:30–15:00	Coffee Break – Coffee & Lunch area CEU
15:00–16:00	Panel Discussion: Libraries: The Oil in the Engine of EOSC - How EOSC Future Technical Components Can Fit Your Library's Workflow – CEU Auditorium
16:00–17:00	Meeting of Participants* – CEU Auditorium *The Meeting of Participants is the Annual General Meeting of LIBER, and is open to all delegates.
18:00–21:00	Conference Reception – *sponsored by EBSCO* Hungarian Academy of Sciences, 1051 Budapest, Széchenyi István tér 9.

FRIDAY 7 JULY 2023	
08:00–12:30	Registration – Registration desk, CEU
08:30–13:45	Professional Exhibition – CEU
08:30–13:45	Poster Exhibition – Coffee & Lunch area CEU
09:00–10:30	Parallel Sessions
	Session 9: Facing Forward: new users services – CEU 106
	Session 10: A New Paradigm: Open Access and the Diamond Model – CEU Auditorium
	Session 11: Sustainable Infrastructures: challenges and innovative approaches – CEU 101
	Session 12: FAIR and Open: from theory to practice – CEU 103
09:30–10:30	Executive Board meeting: By invitation only. – CEU 102
10:30–11:00	Coffee Break – *sponsored by Frontiers* – Coffee & Lunch area CEU
11:00–11:45	Keynote Speech – CEU Auditorium Lex Bouter, Professor Emeritus, Amsterdam University Medical Centers & Vrije Universiteit Amsterdam
11:45–12:00	Library Innovation Awards – CEU Auditorium
12:00–12:30	Sponsor Strategy Update: OpenEdition – CEU Auditorium
12:30–12:45	Conference Closing Ceremony – CEU Auditorium
12:45–13:45	Lunch & Closing Reception – Coffee & Lunch area CEU
14:00–	Library tours and literary tour – see the detailed programme

SATURDAY 8 JULY 2023	
09:00–17:00	Excursion to Esztergom

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Posters

Room: Coffee & Lunch area CEU

Chair: Hilde van Wijngaarden, Vrije Universiteit Amsterdam, The Netherlands

1. **Thoth: Open and trusted metadata for open access books and book chapters**
   Presenter: Tobias Steiner, Thoth Open Metadata, United Kingdom

2. **Data visualisation options for manuscript sources**
   Presenters: Kata Ágnes Szűcs, Emese Varga and Tamara Csilla Makkai, National Széchényi Library, Hungary

3. **Disseminating Open science: from librarians' watch to in-house expertise**
   Presenters: Cédric Mercier, Université Paris-Saclay & Couperin, France
   Jacqueline Gillet, INRIA & Couperin, France

4. **Baltic university libraries upskilling for civic engagement**
   Presenter: Svea Kaseorg, University of Tartu, Estonia

5. **The Open Book Collective's Community Governance Model— A Reflection Post Launch**
   Presenter: Francesca Corazza, Open Book Collective, United States of America

6. **Supporting and taking strategic participation in open science infrastructures at the université Paris Nanterre**
   Presenter: Cecile Swiatek Cassafieres, Université Paris Nanterre, France

7. **Open Science Indicators: A new source of information to understand researchers' needs and practices**
   Presenter: Iain Hrynaszkiewicz, PLOS, United Kingdom

8. **Stepping up Open Science in Research Performing Organisations: OpenAIRE services for a sustainable open infrastructure**
   Presenters: Athina Papadopoulou, OpenAIRE, Greece
   Pedro Principe, University of Minho, Portugal

9. **OpenAIRE Content Provider Dashboard: enabling trust and value within the EOSC repositories**
   Presenter: Pedro Principe, University of Minho, Portugal

10. **Improving the user experience through automated and on-the-fly metadata enrichment: Episciences overlay journals and the Open Science Lens page Enhancer**
    Presenter: Raphaël Tournoy, CNRS, France

11. **EODOPEN: User Dialogue, Audience Development, Copyright Issues & On-Demand Access to Hidden Collections**
    Presenter: Elena Sipria-Mironov and Liisi Lembinen, University of Tartu, Estonia

12. **Facilitating author agency in Open Access negotiations**
    Presenter: Hanna de Vries, Utrecht University Library, The Netherlands

PRE-CONFERENCE WORKSHOPS

WEDNESDAY 5 JULY 2023, COFFEE BREAK 10:30–11:00

1/3 Advancing the Use of Data Science and Digital Scholarship in Libraries: A DSLib & DSDCH Working Group Collaboration
CEU Auditorium at 09:00–12:00

Organised by the [Digital Scholarship and Digital Cultural Heritage Collections Working Group](#) & the [Data Science in Libraries Working Group](#).

The LIBER *Data Science in Libraries Working Group* organised two workshops in previous events (LIBER 2022 Conference, LIBER 2022 Winter Event) to initialise a discussion on the promises and daily practice of data science in libraries. At the end of 2022, the working group launched a survey for libraries, based on the literature, the conclusions of these workshops, our meetings, and a test survey. The survey included questions about activities, organisational embedding, funding and the management of legal and ethical issues. During this workshop, the working group will discuss the preliminary results of the survey, and will collect ideas for the next steps.

The preliminary results of the workshop have already shown that it will be crucial to develop the skills that are needed to work with digital collections and digital methods. In 2023/2024, the *Data Science in Libraries (DSLib) and Digital Scholarship and Digital Cultural Heritage (DSDCH)* working groups will collaborate on the development of a prototype for an open, online, collaboratively curated and sustained resource to make more visible and discoverable existing training materials for LIBER members.

In the last few years, online and freely available training materials aimed at upskilling library staff to support, and use in their own right, digital research tools and methods, have proliferated. Finding these valuable resources out on the wilds of the internet remains a challenge, particularly for those just entering this area. Building on the work the DSDCH WG has previously done in surfacing and collating such resources in blog posts, the WGs are keen to create a centralised, sustainable, skills hub for LIBER members to more easily discover, and share, trusted training materials at the intersection of library collections and computing.

During the second half of this workshop, the DSDCH WG will discuss a Minimum Viable Product (MVP) listing the requirements for this potential education resource. During the workshop, LIBER Members will be asked to comment on this MVP based on their own knowledge and expertise.

Brief description of programme:

09:00–10:30   **Workshop by WG Data Science in Libraries**
09:00–09:30   Discussion of data science in libraries: How can data science methods enhance the activities traditionally carried out by libraries
09:30–10:00   Presentation of the main results of the survey
- Identification of best practices
- Discussion of challenges and obstacles encountered by respondents
- Need for training and education

10:00–10:30   Discussion of these results in smaller groups. Conclusions; Discussion of next steps; Formulations of recommendations for LIBER

10:30–10:45   **Coffee break**

10:45–12:00   **Workshop by WG Digital Scholarship and Digital Cultural Heritage**

10:45–11:15   Discussion of the MVP
11:15–11:45   Discussion of the MVP in smaller groups
11:45–12:00   Conclusions; Formulations of recommendations for LIBER

2.   Citizen Science: Strategy, community, and partnerships
MTA Library 2nd floor conference room at 09:00–12:00
Address: 1051 Budapest, Arany János u. 1.

Organised by the Citizen Science Working Group

Research libraries can play a key role in opening up science to society by taking up tasks in public engagement in science. At European universities a number of centers or hubs evolving around Citizen Science have recently opened. The model seems to be based on Broad Engagement with Science (Ayris & Ignat 2020) but surprisingly few libraries seem to be taking part. Although LIBER libraries in general both see the value in Citizen Science and report they have the skills to engage (Kaarsted et al., forthcoming). The possibility exists that LIBER libraries miss out on this transformation towards Open Science. Accordingly, the LIBER Citizen Science Working Group is hosting a two-step workshop to set a direction, onboard colleagues and show how to work with external partners.

The workshop will *first* frame the field, lay out strategic options and dwell on concrete cases, and *second* discuss and lay out how to form a coalition with internal university partners as well as with societal actors. The moderators are Chairing the LIBER Citizen Science Working Group. In this workshop, we will illustrate the interests, the thrill and the achievements working to improve the academic mission to better serve society.

PART ONE
1) *Case Reports:* Reports from CS development at LIBER libraries *(Edinburgh University Library and Collections, National and University Library Zagreb, UCL London, University Bordeaux)*
2) *Setting the scene for developing a community of CS practice.* Guidelines, and strategy (Tiberius Ignat)
3) *A coalition of the willing:* Roles, dialogue, and common goals with internal partners at your university (Thomas Kaarsted)
4) *Bridging the gap:* A library hub as facilitators between science and society (Anne Kathrine Overgaard)

In PART TWO participants are invited to join two tracks and get concrete take aways on:
1) *How to get started with a community of practice.* Basic principles and first building blocks.
2) *Built to last.* How to form sustainable internal and external partnerships (Overgaard & Kaarsted)

4. How can we enhance the discoverability of open text books? Hands-on workshop and discussion
MTA Library 2nd floor Small Meeting Room at 09:00–12:00
Address: 1051 Budapest, Arany János u. 1.

Organised by the Educational Resources Working Group

Findability of quality open textbooks
The Working Group just started sharing the topics for 2023/24. One important aim is to enhance the findability of quality open textbooks. The goal is to make open textbooks more easily discoverable and used through libraries for the benefit of learners, and for the benefit of teachers so they can find and re-use open textbooks, and promote their own work.

Some questions in this context are:
What does enhanced findability mean for collection curation?
Can or should open textbooks be found in common library discovery environments?
How can we make special textbook- or OER repositories or infrastructures like ENCORE or EduArc more accessible to our library users in the future?

Topics of the workshop:
The focus of this workshop will be on aspects that will be helpful in making more open textbooks findable in our collections (through discovery systems, catalogues)

quality criteria
• define quality criteria
• list existing collections that have a convincing quality control
• list cornerstones for collection curation (as a basis for decision making for inclusion of publications)
• depending on background of workshop participants: exchange between OA / OER and collection management about quality evaluation and acquisition practices of (diamond) open access publications and / or OER like text books that are published in institutional settings instead of publishing houses.

formats
• a format is usually not necessarily a quality criterion but it can be an obstacle: Is it a showstopper if an open textbook appears in the form or an ever-changing website rather than a PDF or e-book? Does this pose a problem for the participants/libraries?

After a short introduction to the Working Group activities, we would like to discuss these and other questions with the workshop participants. The goal is to have a first set of criteria by the end of the workshop.

5. Value based leadership: conflicting dilemmas and inspiring stories
Room CEU 104 at 09:00–12:00

Organised by the [Leadership Programmes Working Group](#)

Please note that this workshop is only open to alumni of the LIBER Emerging Leaders Programme.

This workshop will focus on an issue faced by today's leaders with increasing frequency: what does values-based leadership really mean, and most importantly, how does it translate into practice? We want to focus on the foundations for values-based leadership and look deeper into the conflicting dilemmas that a leader faces in their day-to-day work. By sharing inspiring stories we want to create a common understanding of conflicting dilemmas that will occur during our leadership journeys and enlightening examples that will guide us.

09.00–09.25
Welcome, introductions and check-in
    Chairs: Emma Nolin (Malmö University), Linda Vidlund (Swedish University of Agricultural Sciences)
    Pedro Principe (University of Minho)

09.25–09.35
Value based leadership – what is really important for me?

09.35–10.30
Inspiring leader stories – examples of conflicting dilemmas
    Alan Carbery, Head of Academic Services at University College Cork Library
    Gyöngyi Karácsony, General Director at University and National Library University of Debrecen

10.30–10.45
Coffee break

10.45–11.30
Cases of conflicting dilemmas – group discussions

11.30–12.00
Insights from the group discussions

6. Open licensing: How libraries can provide support for academics
Room CEU 105 at 09:00–12:00

Organised by the [Open Access Working Group](#)

The funders' and institutions' work on implementing policies and strategies to advance Open Science varies across Europe. Agreements with publishers and policies for Open Science often aim at full openness. It is expected that using creative commons licensing for sharing will become a common recommendation, but how can we give them sound advice on the topic?

There are different challenges to be managed, whether or not you talk about sharing articles or books or open educational resources or data. This is likely to result in more questions or concerns from researchers about choosing a license for their work. Do libraries have enough expertise about licenses to address such questions or concerns? Librarians working with support for researchers will probably need to be able to answer questions like: "But, isn't it plagiarism for me to reuse other people's work?" or "What if my publication will be used in a way that will adversely affect my academic integrity?" or "Should I use a non-commercial license if the research that underlies the publication is patented?"

This workshop offers an arena where LIBER participants can share experiences and discuss strategies and recommendations on open licensing and its implications. Speakers will be invited to give input and food for thought, and the workshop will include an interactive session where participants can learn more from each other.

Tentative agenda:

- Introduction by the WG
- Speaker about IP rights and Creative Commons
- Speaker about ongoing open licensing projects/question on the European level
- Interactive session for participants – based on common scenarios
- Summary of the workshop and bring-home messages

7. How to set up data repository services in a university?
Room CEU 101 at 09:00–12:00

Organised by the [Research Data Management Working Group](#)

The workshop is looking for answers to the following questions:
- How to set up a data repository in a library or university;
- What are some of the practical topics and activities that need to be considered: like GDPR issues, checklist of researchers for depositing their data in a repository (activities prior toarchiving data);
- What kind of FAIRification tools are available for data repositories;
- How to register data in the EOSC portal.

In the workshop, we will:

- hear stories about building up a repository presented by libraries that already have a data repository, data archive or data curation service;
- have a group work session around guidance needed for depositing data to a data repository.

Based on existing checklists like:

- [Checklist for a deposit](#) (The University of Edinburgh)
- [Uploading Research Data](#) (TU4)

RDM Workshop agenda is the following:

Timing workshop: 9:00–12:00
09:00–09:05 Introduction – Mari Elisa Kuusniemi (University of Helsinki)
09:05–10:05 Lighting talks by Roxanne Wyns (Leuven University), Kirsten Kruuse (Aarhus University Library, Royal Danish Library), Claudia Kramer (Karlsruhe Institute of Technology), and Ingmārs Kreišmanis (Riga Stradinš University)
10:05–10:30 Group work
Coffee break: 10.30–11.00
11.00–11.50 Group work and discussion
11.30–11.50 Presenting results
11.50–12.00 Wrap-up

8. Diamond Open Access in Europe and beyond
Room CEU 103 at 09:00–12:00

Organised by the [DIAMAS Project](#)

In this workshop, we would like to present the DIAMAS project and its initial results. The workshop would have at least three goals.

1. First we will present the EC sponsored DIAMAS project aims at mapping the landscape of institutional Open Access publishing in the ERA, and provide non-technical tools to align, promote, and make sustainable scholar-driven and institution-driven Open Access publishing.
2. Secondly, we would like to present the Action Plan for Diamond Open Access which includes a global group of institutions with a declared interest in Diamond Open Access.
3. Finally, we will invite Hungarian and Eastern European institutional and Diamond Open Access editors and service providers to share their experience with us with a view to collaboration.

In this final section, participants will be invited to engage and discuss their experiences of institutional publishing from the perspective of their library – this feedback will be used within the project as libraries are a key stakeholder group of DIAMAS. Of course the programme is open to changes and amendments ahead of the conference, depending on the speakers who will be available. These will at least include Vanessa Proudman (SPARC Europe), Nora Papp Le Roy & Johan Rooryck (ESF-cOALition S). We have also received names of Hungarian Diamond editors who we will invite to participate to make this a community event.

9. A toolkit for knowledge rights advocacy
MTA Library Room 405 (4th floor) at 09:00–12:00
Address: 1051 Budapest, Arany János u. 1.

Organised by the [Knowledge Rights 21 Project](#)

This engaging and **interactive workshop** by the Knowledge Rights 21 (KR21) Project is divided into **two sessions**:

1. **Session 1 – Discover the KR21 tools and materials.** These will be presented by some of our experts looking notably at current issues, such as eBooks and Secondary Publishing Rights. We will also share a glimpse of what you can expect in the near future from KR21, and give you the chance to exchange your thoughts with us.
2. **Session 2 – Debate the current policy landscape of around access to knowledge.** We will debate the state-of-play of the various policy areas KR21 focusses on in your countries, identifying and exploring the opportunities to create improvements. Our ambition is to trigger you and get you motivated to join our growing KR21 movement advocating for progressive and positive change.

The KR21 Programme, bringing together LIBER, SPARC Europe and IFLA, aims to build a strong and sustainable basis for libraries to engage decision-makers and other stakeholders in favour of laws and policies that allow libraries to fulfil their missions today.

10. Value Co-Creation and Social Innovation for a New Generation of European Libraries
Room CEU 106 at 09:00–12:00

Organised by the LibrarIN Project

1) Introduction to LibrarIN – rationale, aims, work
The rationale for LibrarIN builds on the role of libraries as public services which are facing the varied challenges of the 21st century. Many of these challenges are shared with museums, cultural centres, galleries, and cultural institutions, such as the OECD and UNESCO, and professional associations like LIBER. These challenges include the delivery of efficient high-quality public services, and the improvement of libraries' capacity to deal with societal challenges.

The first part of the workshop will focus on the what, why and how of LibrarIN. Key terms will be explained and defined, and the aims of the project elaborated. The role of research librarians in the process of social innovations and the value co-creation of library services will be outlined.

2) Interactive session – value co-creation and innovation in your library
A key aim of LibrarIN is to understand the process of value co-creation in libraries service delivery, and to evaluate the different approaches to knowledge transformation in libraries, both in terms of their processes and their impact.

This interactive section of the workshop will see participants discuss their personal experiences with value co-creation and social innovation within their libraries. We will look at common challenges, opportunities and needs to determine how libraries can further their role as public services.

Participants will benefit from sharing their experiences of value co-creation and social innovation in libraries, and workshop ideas that they can put into practice at their own institutions (e.g. the concept of living labs, digital services for value co-creation and methods of encouraging social entrepreneurship within libraries)

3) Wrap-up plenary

Participants will join to discuss their group work and share common experiences. The workshop hopes to achieve two aims:

1. Participants are better informed about the concept of vale co-creation of library services, its benefits to the library community and wider society.
2. The LibrarIN project gains a snapshot into existing value-cocreation practices in LIBER libraries and the attitude to such activities amongst the research community.

11. Libraries & Open Access Publishers: Fostering the Connection
Room CEU G05 at 09:00–12:00

Organised by the Open Research Europe Project

Open Research Europe (ORE) provides recipients of Horizon funding programmes and their collaborators, with an Open Access platform to publish the results of their funded research at no cost to themselves, in full compliance with the European Commission's open policies.

ORE has positioned itself as a pioneer in the pursuit of open research. Open research practices aim to open up access to all parts of the research process across academic subject areas to increase collaboration, disseminate knowledge, improve transparency and reproducibility of research, and support research integrity.

Libraries and their librarians are gateways to research dissemination, as they are the link between the (research) community and an institution. There is a need for publishers and librarians to have a synergistic relationship, to ensure research outputs have maximum visibility, which is the core aim of establishing a LIBER advocates group between librarians and ORE.

This session will serve as an opportunity to meet ahead of the conference and discuss various ways that we can further foster and nurture collaboration with institutional librarians to improve dissemination practices and how best to engage target audiences about the importance of open research.

12. Starting-up, developing and expanding Research Data Management support services in your library using the LIBER/ADBU toolkit
Room CEU 102 at 09:00–12:00

Organised by the ADBU-LIBER Study

Brief description of programme:

- Presentation of the LIBER/ADBU study 'Development stages, organisational structures and competencies for RDM support services' and the toolkit for libraries that is based on that study.
- Usage of the toolkit by break-out groups of participants (5 to 8 participants per group; we combine groups of librarians that are in the same development stage):
  » What stage is your library in? Why?
  » What do you need to do to bring your library to the next stage and to the stage after that – usage of the suggestions in the toolkit for the situation of your library.
- 5 minute presentation by each group on their results followed by a general discussion.

DETAILED PROGRAMME

SUNDAY 2 JULY 2023	
13:00–17:30	Emerging Leaders Programme Cohort 6* – MTA Library 2nd floor Conference Room

MONDAY 3 JULY 2023	
09:00–17:30	Emerging Leaders Programme Cohort 6* – MTA Library 2nd floor Conference Room
12:00–13:00	LIBER Executive Board Lunch*
13:00–17:00	LIBER Executive Board Meeting* – MTA Bolyai Room
19:00–22:00	LIBER Executive Board Dinner*

TUESDAY 4 JULY 2023	
09:00–17:30	Emerging Leaders Programme Cohort 6* – MTA Library 2nd floor Conference Room
09:00–12:30	LIBER Executive Board Meeting* – MTA Bolyai Room
12:30–13:00	LIBER Executive Board Lunch*
13:00–19:00	LIBER Steering Committees and Working Group meetings*
	13:00–14:00 Upskilling Steering Committee – MTA Library 4th floor Room 420
	14:00-16:00 Leadership Programmes Working Group Meeting – MTA Library 2nd floor Small Meeting Room
	16:00–19:00 Citizen Science Working Group Meeting – MTA Library 2nd floor Small Meeting Room
17:00–18:00	Closing ceremony Emerging Leaders Programme Cohort 6* – MTA Library 2nd floor Conference Room
19:00–21:00	Leadership Alumni Drinks* – TBD

*By invitation only

WEDNESDAY 5 JULY 2023	
08:00–17:15	**Registration** – Registration desk, CEU
	Pre-Conference Workshops
09:00–12:00	Advancing the Use of Data Science and Digital Scholarship in Libraries: A DSL & DSDCH Working Group Collaboration – CEU Auditorium
09:00–12:00	Citizen Science: Strategy, community, and partnerships – MTA Library 2nd floor conference room
09:00–12:00	How can we enhance the discoverability of open text books? Hands-on workshop and discussion – MTA Library Small Meeting Room (2nd floor)
09:00–12:00	Value based leadership: conflicting dilemmas and inspiring stories** – CEU 104 **This workshop is exclusively for those who have participated in cohorts 1–6 of the LIBER Emerging Leaders programme
09:00–12:00	Open licensing: How libraries can provide support for academics – CEU 105
09:00–12:00	How to set up data repository services in a university? – CEU 101
09:00–12:00	Diamond Open Access in Europe and beyond – CEU 103
09:00–12:00	A toolkit for knowledge rights advocacy – MTA Library Room 405 (4th floor)
09:00–12:00	Value Co-Creation and Social Innovation for a New Generation of European Libraries – CEU 106
09:00–12:00	Libraries & Open Access Publishers: Fostering the Connection – CEU G05
09:00–12:00	Starting-up, developing and expanding Research Data Management support services in your library using the LIBER/ADBU toolkit – CEU 102
10:30–11:00	Coffee Break for all workshops – Coffee & Lunch area CEU
11:00–12:00	Pre-conference workshops continued
12:00–12:45	**Newcomer Session - CEU Auditorium**
12:00–12:45	Lunch – Coffee & Lunch area CEU
12:00–12:45	LIBER Quarterly Editorial Board Meeting – CEU Room 102

12:45–13:15	**Opening Ceremony** – CEU Auditorium Welcome from Julien Roche, LIBER President; István Monok, Director General of the Library and Information Centre of the Hungarian Academy of Sciences; Tamás Freund, President of the Hungarian Academy of Sciences. Reply and opening of Meeting of Participants by Julien Roche; Anja Smit, LIBER Secretary-General; Giannis Tsakonas, LIBER Vice-President.
13:15–14:00	**Opening Keynote** – Auditorium Invited Speaker: Sándor Soós, Head of the Department for Science Policy and Scientometrics at the Library and Information Centre of the Hungarian Academy of Sciences. Chair: Lars Burman, Uppsala University Library, Sweden
14:00–14:15	**Group Photo** – Auditorium
14:00–14:30	Coffee Break – Coffee & Lunch area CEU
14:00–17:15	**Professional Exhibition** – CEU
14:00–17:15	**Poster Exhibition** – Coffee & Lunch area CEU
	PARALLEL SESSIONS
14:30–16:00	**Session 1: Open Access Management: cross-border cases** – CEU Auditorium Chair: Andreas Brandtner, University Library of Freie Universität Berlin, Germany
	1.1 From chaos to control: how Dutch university libraries collectively build, manage and use a data warehouse for open access management *Arjan Schalken, Dutch consortium of University Libraries and the National Library of The Netherlands, The Netherlands*
	1.2 Redistribution of costs in a world in transition: the evolution of consortial cost-sharing models in transformative agreements in Austria *Rita Pinhasi and Brigitte Kromp, University of Vienna, Austria*
	1.3 A Case Study on Open Access Management challenges and solutions in Finland *Martin Jägerhorn, ChronosHub, Denmark* *Kaisa Kulkki, Tampere Universities, Finland*

14:30–16:00	**Session 2: Getting Down to Business: active approaches to library challenges – CEU 103**
	Chair: Anna Clements, University Library, University of Sheffield, United Kingdom
	2.1 International Project Management – Another Challenge for Librarians. How Well Prepared Are We for This? TRAIN4EU Project Case
	Anna Wołodko, University of Warsaw, Poland
	2.2 The University of Manchester's Office for Open Research: Enabling and Embedding Open and Reproducible Research Practices
	Scott Taylor and Lorraine Beard, The University of Manchester, United Kingdom
	2.3 An active approach in establishing IT library services as a trusted partner in the design, development, and sustainable exploitation of research infrastructures
	Roxanne Wyns, KU Leuven Libraries, Belgium

14:30–16:00	**Session 3: Find and Seek: building and preserving collections – CEU 101**
	Chair: Heli Kautonen, Suomalaisen Kirjallisuuden Seura – Finnish Literature Society, Finland
	3.1 Building and Processing Corpora from Archived Web Content
	Gyula Kalcsó, National Széchényi Library, Hungary
	3.2 Research Software preservation: Libraries role and contribution to a key pillar of Open Science
	Roberto Di Cosmo and Sabrina Granger, Software Heritage and Inria, France
	3.3 National Infrastructures Supporting Discoverability and Approachability of Research-Based Information – A Case from the Finna Services
	Veera Elena Mujunen and Riitta Peltonen, The National Library of Finland, Finland

14:30–16:00	**Session 4: Hands-on Practices for Research Data Management – CEU 106**
	Chair: Liisi Lembinen, University of Tartu, Estonia
	4.1 Teaching Data Stewardship: Insights from the Certificate Course "Data Steward" of the University of Vienna
	Tereza Kalová, Vienna University Library, Austria
	4.2 Revisiting the roles and responsibilities of Research Data Management supporting units at Leiden University
	Femmy Admiraal, Leiden University Library, The Netherlands
	4.3 "Ateliers de la donnée": How France is implementing its national network of labelled Research data management, support and training Clusters
	Cécile Swiatek Cassafieres, University Library of Paris Nanterre, France
16:00–17:15	**LIBER Strategy: Engage With Us! – CEU Auditorium**
18:00–22:00	**Conference Dinner** – Pesti Vigadó Pesti Vigadó, H-1051 Budapest, Vigadó tér 2.

THURSDAY 6 JULY 2023	
08:00–17:00	**Registration** – Registration desk, CEU
08:30–17:00	**Professional Exhibition** – CEU
08:30–17:00	**Poster Exhibition** – Coffee & Lunch area CEU
09:00–9:45	**Keynote speech** – CEU Auditorium Invited Speaker: Chris Bourg, Director of Libraries at Massachusetts Institute of Technology (MIT) Chair: Giannis Tsakonas, LIBER Vice President
	Parallel Sessions
09:45–11:15	**Session 5: Building Communities: bolstering the library network – CEU Auditorium** Chair: Thomas Kaarsted, University Library of Southern Denmark, Denmark
	5.1 Academic Libraries and Citizen Science: Identification and Valorisation Issues *Raphaëlle C. Bats, URFIST Bordeaux, University of Bordeaux, France*
	5.2 Research Libraries in Open Urban Sustainability Hubs *Christian Peer, Technical University of Vienna, Austria*
	5.3 Community for All? Knitting, Coding and Digital Inclusion as a Community Engagement Strategy for University Libraries *Karoline Liv Vildlyng, The Royal Danish Library, Aarhus University, Denmark*

09:45–11:15	**Session 6: Cultivating Change: rights retention and open research practices – CEU 106**
	Chair: Émilie Barthet, Université de Bourgogne, France
	6.1 The role of the European library community in driving change to rights retention, copyright and open licensing through policymaking *Vanessa Proudman, SPARC Europe, The Netherlands*
	6.2 Building Trust Around the French Open Research Archive HAL: A Shared Governance for Efficient Collaboration with the French Institutional Community *Hélène Bégnis, CCSD, France & Françoise Rousseau-Hans, CEA, France*
	6.3 From developing a Rights Retention Strategy to creating a Library-led Open Press, the role of trust and influence in developing a culture of Open Research *Suzanne Tatham, University of Sussex, United Kingdom*
09:45–11:15	**Session 7: Future-proofing Libraries: fostering, valuing, and managing institutions – CEU 101**
	Chair: Adam Sofronijević, University library ,'Svetozar Markovic'', Serbia
	7.1 Open educational resources: developing strategies and fostering a community of practice in a research-led teaching institution *Helen Moore, University of Sheffield, United Kingdom*
	7.2 Moving Beyond Strategy: University Library Organisational Culture in an Open Science Environment *Gyöngyi Karácsony, University and National Library, University of Debrecen, Hungary*
	7.3 Re-evaluating library's value post-COVID-19 *Liisi Lembinen, University of Tartu, Estonia*

09:45–11:15	**Session 8: Unlocking Collections: expanding research library frontiers – CEU 103** Chair: Kirsty Lingstadt, University of York, United Kingdom
	8.1 Sharing Cultural Heritage Images as Data: Supporting Open Science through Interoperability *Beth Knazook, Digital Repository of Ireland, Ireland*
	8.2 Accessible and inclusive collections: enhancing the reach of library and archive collections through remote technologies *Christina Kamposiori, Research Libraries UK, United Kingdom*
	8.3 Opening up library collections for creative reuse *Martijn Kleppe and Jeroen Vandommele, KB National Library of The Netherlands, The Netherlands*
11:15–12:00	**Coffee Break & Poster Session – Coffee & Lunch area CEU** – *Coffee break sponsored by Technology from Sage* Chair: Hilde van Wijngaarden, Vrije Universiteit Amsterdam, The Netherlands
	1. Thoth: Open and trusted metadata for open access books and book chapters *Tobias Steiner, Thoth Open Metadata, United Kingdom*
	2. Data visualisation options for manuscript sources *Kata Ágnes Szűcs, Emese Varga and Tamara Csilla Makkai, National Széchényi Library, Hungary*
	3. Disseminating Open Science: from librarians' watch to in-house expertise *Cédric Mercier, Université Paris-Saclay & Couperin, France* *Jacqueline Gillet, INRIA & Couperin, France*
	4. Baltic university libraries upskilling for civic engagement *Svea Kaseorg, University of Tartu, Estonia*
	5. The Open Book Collective's Community Governance Model— A Reflection Post Launch *Francesca Corazza, Open Book Collective, United States of America*

	6. Supporting and taking strategic participation in Open Science infrastructures at the université Paris Nanterre *Cecile Swiatek Cassafieres, Université Paris Nanterre, France*
	7. Open Science Indicators: A new source of information to understand researchers' needs and practices *Iain Hrynaszkiewicz, PLOS, United Kingdom*
	8. Stepping up Open Science in Research Performing Organisations: OpenAIRE services for a sustainable open infrastructure *Athina Papadopoulou, OpenAIRE, Greece* *Pedro Principe, University of Minho, Portugal*
	9. OpenAIRE Content Provider Dashboard: enabling trust and value within the EOSC repositories *Pedro Principe, University of Minho, Portugal*
	10. Improving the user experience through automated and on-the-fly metadata enrichment: Episciences overlay journals and the Open Science Lens page Enhancer *Raphaël Tournoy, CNRS, France*
	11. EODOPEN: User Dialogue, Audience Development, Copyright Issues & On-Demand Access to Hidden Collections *Elena Sipria-Mironov and Liisi Lembinen, University of Tartu, Estonia*
	12. Facilitating author agency in Open Access negotiations *Hanna de Vries, Utrecht University Library, The Netherlands*
12:00–12:30	**Sponsor: Strategy Update** – CEU Auditorium Chair: Dóra Gaálné Kalydy, Library and Information Centre of the Hungarian Academy of Sciences, Hungary **EBSCO:** A Focus on „Open" *Marina Milovanovic, Vice President of Sales, Central & Eastern Europe, Central Asia & Caucasus Region	EBSCO Information Services*
12:30–13:30	Lunch – Coffee & Lunch area CEU

12:30–13:30	Conference Programme Committee Meeting – CEU 102
13:30–14:30	**Panel Discussion:** Open Science infrastructures speak about sustainability challenges – CEU Auditorium Chair: Martin Borchert, Global Sustainability Coalition for Open Science Services (SCOSS) and University of New South Wales, Australia Panellists: Martin Borchert, *Global Sustainability Coalition for Open Science Services (SCOSS) and University of New South Wales, Australia* Urooj Nizami, *Public Knowledge Project, United Kingdom* Niels Stern, *OAPEN and DOAB* Sarah Lippincott, *Dryad*
14:30–15:00	Coffee Break – Coffee & Lunch area CEU
15:00–16:00	**Panel Discussion:** Libraries: The Oil in the Engine of EOSC - How EOSC FutureTechnical Components Can Fit Your Library's Workflow – CEU Auditorium Chair: Najla Rettberg, Research Data Alliance AISBL Panellists: Pedro Principe, *University of Minho Documentation and Libraries Services,Portugal* Shanmugasundaram Venkataraman, *OpenAIRE* Sarah Jones, *EOSC, GÉANT* Najla Rettberg, *Research Data Alliance AISBL* Edit Görögh, *University Library of Debrecen, Hungary* Magdalena Szuflita-Żurawska, *Gdansk University of Technology Library, Poland*
16:00–17:00	**Meeting of Participants*** – CEU Auditorium *The Meeting of Participants is the Annual General Meeting of LIBER, and is open to all delegates.
18:00–21:00	**Conference Reception** – Palace of the Hungarian Academy of Sciences H-1051 Budapest, Széchenyi tér 9. *Sponsored by EBSCO*

FRIDAY 7 JULY 2023	
08:00–12:30	**Registration** – Registration desk, CEU
08:30–13:45	**Professional Exhibition** – CEU
08:30–13:45	**Poster Exhibition** – Coffee & Lunch area CEU
	Parallel Sessions
09:00–10:30	**Session 9: Facing Forward: new users services – CEU 106** Chair: Martin Moyle, *University College London, United Kingdom*
	9.1 The post-pandemic desk service at university libraries – towards a hybrid future? *Astrid Kilvik and Liv Inger Lamøy, The University Library of the Norwegian University of Science and Technology (NTNU), Norway*
	9.2 #vBIB – An open virtual event format from the community for the community *Matti Stöhr, TIB – Leibniz Information Centre for Science and Technology, Germany*
	9.3 Designing a database for a classical theatrical chatbot *Anna Pappa, University Paris 8, France*
09:00–10:30	**Session 10: A new paradigm: Open Access and the Diamond Model – CEU Auditorium** Chair: Lluís Anglada, *Consortium of Catalan University Services, Spain*
	10.1 Recalibrating the Scope of Scholarly Publishing *Mark Huskisson, OPERAS and Public Knowledge Project, United Kingdom* *Saurabh Khanna, Stanford University, United States*
	10.2 Back to the future: Modernizing European repositories for the era of Open Science *Eloy Rodrigues, University of Minho Libraries, Portugal*
	10.3 Open Access Diamond, a French perspective *Jean-François Lutz, University of Lorraine, France* *Pierre Mounier, OpenEdition, France*

09:00–10:30	**Session 11: Sustainable Infrastructures: challenges and innovative approaches – CEU 101** Chair: Sofie Wennström, *Stockholm University Library, Sweden*
	11.1 It's Not All About the Money: The Challenges of the Austrian Datahub to Become a Sustainable Open Access Service *Patrick Danowski, Insitute of Science and Technology Austria, Austria*
	11.2 Collection and corpus: the case of the REAL repository *András Holl, Library and Information Centre of the Hungarian Academy of Sciences, Hungary*
	11.3 It takes a community: a participatory approach to sustaining an open infrastructure *Peter Kraker, Open Knowledge Maps, Austria* *Chris Schubert, TU Vienna University Library, Austria*
09:00–10:30	**Session 12: FAIR and Open: from theory to practice – CEU 103** Chair: Pedro Principe, *University of Minho, Portugal*
	12.1 The role of research libraries in the consolidation the PID landscape *Pablo de Castro, University of Strathclyde, United Kingdom*
	12.2 FAIR at the National Library of Finland – from abstract ideas to business as usual *Liisa Näpärä and Riitta Koikkalainen, National library of Finland, Finland*
	12.3 Open Science certification: turning Ph.D. students into Open Science ambassadors in research laboratories *Margaux Larre-Perez, Université Paris Cité, France*
09:30–10:30	Executive Board meeting: By invitation only. – CEU 102
10:30–11:00	Coffee Break – Coffee & Lunch area CEU – *sponsored by Frontiers*

11:00–11:45	**Keynote Speech** – CEU Auditorium
	Invited Speaker: Lex Bouter, Professor Emeritus, Amsterdam University Medical Centers & Vrije Universiteit Amsterdam
	Chair: Birgit Schmidt, *Goettingen University, Germany*
11:45–12:00	**Library Innovation Awards – CEU Auditorium**
	Sponsored by OCLC
	Chairs: Giannis Tsakonas, *LIBER*, and Christian Négrel, *OCLC*
12:00–12:30	**Sponsor: Strategy Update - CEU Auditorium**
	Chair: Cécile Swiatek Cassafieres, *University Library of Paris Nanterre, France*
	OpenEdition: Understanding digital libraries as open spaces
	Simon Dumas-Primbault, CNRS junior professor at OpenEdition, associate researcher at BnF
12:30–12:45	**Conference Closing Ceremony – CEU Auditorium**
12:45–13:45	Lunch – Coffee & Lunch area CEU
14:00–17:00	Library tours (optional)

SATURDAY 8 JULY 2023	
09:00–17:00	Excursion to Esztergom

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Keynote Speaker – Sándor Soós

Wednesday 5 July, 13:15–14:00

Chair: Lars Burman, *Uppsala University Library, Sweden*

Speaker: Sándor Soós, Head of the Department for Science Policy and Scientometrics at the Library and Information Centre of the Hungarian Academy of Sciences, Hungary

The complex interactions between Open Science and the world of research metrics galore

ABSTRACT

Open Science (OS) has long been characterised as an umbrella term encompassing a handful of different strands in scientific and policy discourses, such as the infrastructure school with a focus on the technological – instrumental environment enabling OS, or the democratic school concerned with the access to and sharing of scholarly knowledge (Fecher & Friesike 2014). Together with all its versatile and particular forms of appearance, the central concepts of OS – such as transparency, accessibility, accountability – have positioned it as a major subject of science–society relationships, invoking much more than just the study of scientific communication. This is perhaps best reflected in the strand called the measurement school, aiming at the identification of the social/societal impact of research mostly through the utilisation of altmetrics ("next generation metrics", Wilsdon et al. 2017). At the same time, proponents of this approach have been propagating a reconsidered application of conventional bibliometric instruments that facilitates the transition to Open Science ("responsible metrics", ibid.).

The main aim of this talk is to make a case for two closely intertwined claims. First that, despite the general and growing scepticism against quantitative assessments, a more complex contribution to the benefit of OS can be obtained from metrics or, rather, quantitative science studies, than is usually assumed. Second that "next generation" and "responsible" measurement should favour scientific impact over societal impact within the Open Science ecosystem in order to pave the way for desired relationships with the rest of society. In doing so, three recent phenomena will be briefly analysed. (1) The OA-metrics employed in publicly available and proprietary rankings and "research intelligence", (2) the typical methodology for assessing the impacts of Open Science, especially concerning altmetrics, be it societal

or scientific and (3) the role of non-typical metrics in facing an emerging crisis of publication strategies that would fit with the OA-transition goals, especially in the CEE countries, due to the increasingly negative assessment of major OA-publishers (such as the MDPI). These prototypic examples are to demonstrate that the "metrics approach" should go way beyond simple assessments with simple indicators – to the benefit of Open Science.

Fecher, B., & Friesike, S. (2014). Open science: one term, five schools of thought. In Opening science: The evolving guide on how the internet is changing research, collaboration and scholarly publishing, Springer Open, 17–47.

Wilsdon, J. R., Bar-Ilan, J., Frodeman, R., Lex, E., Peters, I., & Wouters, P. (2017). Next-generation metrics: Responsible metrics and evaluation for open science. Report of the European Commission Expert Group on Altmetrics, pp. 22.

Bio

Sándor Soós is an internationally recognised researcher in scientometrics and science studies, and the head of Department for Science Policy and Scientometrics at the Library and Information Centre of the Hungarian Academy of Sciences. He is also a senior lecturer at Eötvös Loránd University. He earned his PhD in cognitive science in the mathematical modelling of the cognitive structure of scientific discourses. He contributed, as institutional PI or as country representative, to various national and European large-scale research projects in S&T policy, modelling and analysis, such as the Science in Society Observatory (SISOB, FP7), Evaluating the Outcomes of European SSH research, (IMPACT EV, FP7), Analysing the dynamics of information and knowledge landscapes (KNOWeSCAPE, COST Action), or New Frontiers of Peer Review (PEERE, COST Action), among others. He is the co-founder of the "Structure and taxonomy of science" international research group with ECOOM, KU Leuven, and member of the board of editors in Frontiers Research Metrics and Analytics. He owns an extensive international publication record and has a broad European network of research collaborations. He is a regular member of the Programme Committee of the biannual international conference of ISSI (International Society for Scientometrics and Informetrics). At the national level, his unit at HAS is responsible for "translational scientometrics" in providing, supporting and promoting

expert-based research evaluation practices and evidence-based decision making in various levels of research policy. As an instance, he is the series editor of Studies in Contemporary Science of Science, a recently launched book series of the Library and Information Centre of the Hungarian Academy of Sciences, published in Hungarian.

Parallel Session 1 – Open Access Management: cross-border cases

Chair: Andreas Brandtner, *University Library of Freie Universität Berlin, Germany*

1.1: From chaos to control: how Dutch university libraries collectively build, manage and use a data warehouse for open access management

Author: *Arjan Schalken, Dutch consortium of University Libraries and the National Library of The Netherlands, The Netherlands*

ABSTRACT

Abstract: For many consortia and libraries, open access is a driver for change in both license management and research support. Reaching 100% compliant open access with limited budgets is challenging for both institutions and researchers. An important success factor is the availability of open access management data. However, the lack of data format standards and a limited set of persistent identifiers, makes it impossible to easily combine open access related metadata sets, let alone use it for trusted business intelligence and decision support.

To get a grip on this chaotic playing field, UKB, the network of Dutch University libraries, started building a data warehouse in 2020. The first data services for both consortium and libraries were launched within a year. By the end of 2022 the datahub contained a rich, structured and controlled metadata set related to more than 300.000 peer reviewed articles, written by Dutch (co-) authors over the last five years inside and outside (consortium) publishing agreements.

Besides data from publishers, university research information systems and commercial databases, the data warehouse also harvests open databases like Crossref, Unpaywall and OpenAPC. The datahub is used to extract, transform, present and load open access related metadata. Business rules are applied when multiple data sources present conflicting information, for example regarding the open access status of an article.

The results enable the consortium and university libraries to audit the quality of publisher reports and open access publishing services including missed and non-compliant open access, the status of capped deals and long

term publishing trends. The datahub is also used to analyze open access costs outside of deals ('APC's in the wild'), to give libraries additional insight in articles that are missing in university research information systems and closed access articles that can be converted to green open access.

The presentation aims to explain and show in a non-technical way how the data warehouse works including the main challenges that were encountered when building it. The added value for negotiation teams, open access experts and contract managers is addressed with several practical use cases and a demo of the datahub. Goal is to share lessons learned and to inspire other libraries and consortia who want to get a grip on open access related metadata that is essential for development of their open access strategy, to strengthen their position to publishers and to help authors in publishing funder compliant.

Presenter: *Arjan Schalken*

Bio

Arjan Schalken is Programme Manager UKBsis at UKB, the network of Dutch University Libraries and the Royal Library. His work focuses on the realisation and implementation of sustainable publish & read deals. An important result of the programme UKBsis is the realisation of a datahub to monitor, manage and analyse publication related data as input for negotiations, contract fulfillment and tracking the open access life cycle of publications.

Arjan also advises UKB and the Dutch Universities on their 100% Open Access strategy. As project manager 'You Share, We take Care', Arjan helps universities to implement article 25fa of the Dutch Copyright Law, supporting researchers to share their research publications in the institutional repositories more easily. He is also project manager for implementing consortium agreements with full Open Access publishers.

1.2: Redistribution of costs in a world in transition: the evolution of consortial cost-sharing models in transformative agreements in Austria

Authors: *Rita Pinhasi and Brigitte Kromp, University of Vienna, Austria*

Abstract

Austria, a pioneer in the field, signed its first transformative Open Access (OA) agreement with the Institute of Physics back in 2014. The last near-decade saw a succession of contracts with all major, medium-sized and some society publishers against the backdrop of an explosion of similar agreements in recent years across the world, partly fuelled by the launch of Plan S in September 2018.

These agreements profoundly changed the OA landscape in Austria: it is estimated that around 80% of the Austrian Academic Library Consortium's institutions' research output is OA at the point of publication, benefitting the academic community and the wider society alike. The transformation also expanded the role of academic libraries in scholarly communication through advocacy, negotiating publishing contracts, implementing efficient OA workflows and liaising with publishers on behalf of researchers.

Alas, there are hardly any conversations around OA without the mention of costs. This is true for the Austrian academic library community as well, although, by and large, the subscription-only consortium contracts were successfully converted to OA deals in a cost-neutral manner. The consortium's OA output could be maximised by pulling the resources together across the sector. However, the new business models introduced a level of disruption to the pre-transition status quo as the original distribution of costs, based predominantly on institutional legacy spend, did not match the emerging institutional-level output and potential associated costs. This in turn prompted some questions: what does a fair and sustainable cost-sharing model look like in a world where the costs for reading and publishing continue to exist side-by-side? What parameters do we need to consider? Which methodology should we use? In order to answer these questions and to address the apparent imbalance in institutional spending, the consortium decided to take action early on.

This presentation will provide an overview of the evolution of the various cost-sharing models introduced for transformative agreements in Austria, from the very first model implemented in 2019 to the outcome of the

most recent review concluded in December 2022. It will present data and considerations underpinning the models selected and the challenges the consortium has faced.

Presenters: *Rita Pinhasi and Brigitte Kromp*

Bios

A graduate of UCL, **Rita Pinhasi** joined Vienna University Library in 2017, where she has been involved in the negotiations of various institutional and national Open Access publishing agreements, from data analysis through workflows to licensing. Previously she worked for regional and national consortia in Ireland, most recently as the manager of the IReL consortium, as well as a medical library in London.

Brigitte Kromp is the Head of the Austrian Central Library for Physics and the Department of Consortia Management at the Vienna University Library. She acts as an expert for Open Access within the framework of the Austrian Academic Consortium (KEMÖ) and has been involved in the negotiation of consortium deals with Open Access components. She is a member of several international working groups dealing with acquisition issues and represents Austria in the High-Level Group on Big Deals at the European University Association.

Brigitte holds a degree in mathematics and physics and completed a qualification in librarianship during her professional career.

1.3: A Case Study on Open Access Management challenges and solutions in Finland

Authors:
Turkka Näppilä, Tampere Universities, Finland
Martin Jägerhorn, ChronosHub, Denmark
Kaisa Kulkki, Tampere Universities, Finland

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ABSTRACT

Open Access is changing the research ecosystem as the ways for accessing, publishing and managing research results are transforming. This gives rise to new challenges, especially for researchers who must navigate the rapidly evolving landscape.

Here, at research libraries in Finland, we met these challenges daily. Our researchers felt overwhelmed. What does a CC-BY license mean, is this a predatory journal, how can I pay for this article?

As highly research-intensive institutions, committed to driving Open Science and Open Access, we needed a holistic solution for managing all types of Open Access. The solution did in particular need to ensure more seamless workflows for the researchers and ease the burden for library and research administrators to manually collect and validate data, as we were drowning in Excel spreadsheets and email communication. We also needed to do something about the enormous APC expenditure that came on top of our subscriptions.

To address these challenges, we've taken a collaborative approach where we work jointly between universities and with international partners for a sustainable and scalable infrastructure. In this way, we're building bridges across the different stakeholders by integrating systems and workflows, in particular between us and publishers, where applying the FAIR principles has become a prerequisite for automation. This has led to significant progress for us to establish a more effective management of our APC expenditure (Gold OA), ensuring an up-to-date monitoring of our OA agreements (Gold & Hybrid OA), automating our repository deposits (Green OA) and guiding our researchers through their end-to-end author journey.

We have already come a long way, and this presentation will share our learnings and identified best-practices. It will also highlight important remaining challenges and recommended community actions, as it's only if more of us come together we'll be able to overcome some of the systemic issues.

Presenters: *Martin Jägerhorn and Kaisa Kulkki*

Bios

Martin Jägerhorn has about 20 years of experience in research information management and has during recent years specialised on Open Access and Open Science. As Head of Business Development at ChronosHub, Martin establishes new collaborations with funders, institutions, publishers, and technology partners. Previously, he has co-founded, supported and acted as special advisor to companies like Avedas, Morressier, Multiply and Zendy and towards non-for-profit initiatives including many universities, publishers, funders, and national and international infrastructure initiatives across the world. His educational background includes an MSc in Industrial Engineering with a focus on Computer Science and a specialization on Information Systems.

Kaisa Kulkki, MA, works as an information specialist at Tampere University Library, Finland. Her work focuses on Open Science and Open Access publishing, currently especially on Open Access Management. Additionally, she provides training about Open Access publishing to PhD students and researchers with her colleagues and she is involved in developing research services at the Library.

Parallel Session 2 - Getting Down to Business: active approaches to library challenges

Chair: Anna Clements, *University Library, University of Sheffield, United Kingdom*

2.1: International Project Management – Another Challenge for Librarians. How Well Prepared Are We for This? TRAIN4EU Project Case

Authors: *Zuza Wiorogórska and Anna Wołodko, University of Warsaw, Poland*

Abstract

European Universities Initiative (EUI) was established in 2017. Its ambition is to strengthen strategic partnerships across the EU between higher education institutions by building networks of universities across the EU which would enable students to obtain a degree by combining studies in several EU countries and contribute to the international competitiveness of European universities (European Education Area, 2022). In 2019, EUI opened its first call for HE institutions' alliances, next calls were in 2020 and 2021. At the end of 2022, there were already 41 European University Alliances gathering 340 HE institutions (European Education Area, 2022a), and the latest call closes in January 2023.

In each of these Alliances, academic libraries are members, too. They are already involved in intra-alliance projects, and most probably it will happen more often due to the EU's project-driven approach, as mentioned earlier. Even though in the past, there were some projects where libraries participated (Górski, 2000), the volume of international projects has grown significantly in the last years, and still for the majority of libraries, this is the first time when they participate in joint, international (so also multicultural) projects that have specific requirements, terminology, and workflows driven by grant agreement requirements and expected outcomes.

This practice paper is to the authors' knowledge the first attempt to describe another challenge that European academic libraries currently face, i.e., project management practice. Familiarity with the theoretical principles of EU project management and in general, project management methodology greatly facilitates the preparation of the proposal and the work of the project. It also allows more effective management of the project as a whole or its

individual parts (work packages, tasks, milestones, etc.). Just as in the case of, for example, a research data management plan, working on it allows for deeper reflection on what data to collect and for what purpose, so conscious planning of project management methods at the stage of preparing a project application helps in more effective implementation of its subsequent stages.

The paper is based on the example of the work experience on the project TRAIN4EU (4EU+, 2022), co-lead by the academic librarians from the University of Warsaw Library (Poland), run by 4EU+ universities in the framework of Horizon 2020 (4EU+, 2022a), as well as on the analysis of the literature on project management that might apply in library-led projects and to strengthen the communities of purpose (Bartlett, 2021). It discusses the usefulness of agile (Denning, 2018; Todaro, 2019), waterfall (Mounir, 2018), and hybrid (Tolbert & Parente, 2020; Wysocki, 2014) methods of project management.

The paper concludes with a set of recommendations based on TRAIN4EU practices, lessons learned, as well as better-to-avoid paths.

Presenter: *Anna Wołodko*

Bio

Anna Wołodko is Director of the University of Warsaw Library and coordinator of the University Library Information System (main library and 37 departmental libraries). Previously she was Head of Targeted Projects and Fund Raising Department (2013-2018) and coordinator of EU projects. From 2019 she has been a member of OCLC (Online Computer Library Center, Inc.) Europe, Middle East and Africa Regional Council and Global Council.

Currently Anna is involved in Horizon 2020 project TRAIN4EU, run jointly by six partner universities of the 4EU+ Alliance. She is the leader of Work Package 5: Mainstreaming Open Science.

2.2: The University of Manchester's Office for Open Research: Enabling and Embedding Open and Reproducible Research Practices

Authors: *Scott Taylor and Lorraine Beard, The University of Manchester, United Kingdom*

Abstract

The University of Manchester is a major research-intensive University deeply committed to an open research culture and environment through its Our Future strategy. Core to this commitment is the establishment of the University's Office for Open Research, which was launched in April 2022 as a key deliverable of the University Library's strategic vision Imagine 2030.

Led by the University Library working in close partnership with academic and professional service colleagues the Office has an ambitious vision and roadmap to enable and embed open and reproducible research practices across the University. The Office enables researchers to make their publications, methods, software and data open by delivering leading edge infrastructure, tools, training and guidance which are fully integrated into the research life cycle.

This presentation will define the strategic context for the establishment of the office and how it has collaborated with other service providers to provide an integrated offer. The presenters will outline how they have created the case for investment in the office and will share the key components of their roadmap. They will then describe the following case studies which showcase the successes of the OOR in helping researchers from different fields make their research outputs more open and reproducible.

Open Research Strategic Action Plan: a multi-year action plan which includes a range of projects to improve the skills training provision, measure open research uptake, develop a research software policy, foster a network of data stewards, and create high quality infrastructure for the sharing of methods, protocols and pre-registrations.

The Open Research Fellowship programme: a new programme enabling the academic community to directly shape open research developments at Manchester. Up to five two-year, part-time positions have been created providing Fellows the opportunity to develop training materials and advocate for open research within their area of the university.

Open Research Accelerator Fund: during 2022 we piloted a £25k fund to support grassroots open research activity within the academic community. Following the success of this pilot we have established a £50k fund for each of the next three years to expand support for grassroots activity.

Open Research Tracker: an open-source application that connects to various external systems and stores data about journal articles and research data in a common data model. The goal of the project is to create a collection of fully reproducible research workflows that provide insight into, and promotes, open research practices at the university.

Finally, the presenters will share some of our exciting plans for the development of the office over the coming years. The Office for Open Research was the winner of the 2022 'Strategic Initiative' award as part of the Library's annual awards, and the presenters are delighted to share their progress and plans.

Presenters: *Scott Taylor and Lorraine Beard*

Bios

Scott Taylor is the Head of the University of Manchester Office for Open Research. He has been involved in the development of scholarly communication services at Manchester since 2008. Alongside leading the Open Research Programme, he oversees the Library's research support services: these include the Library's Open Access Service, Research Metrics Service, and Research Data Management services. Scott's current main responsibility is the delivery of a roadmap of activities that will drive the creation of Open Research services and infrastructure across the entire University.

Lorraine Beard is a member of the University of Manchester's Library Executive team and IT Strategic Leadership Team and leads a team which is responsible for developing and delivering a range of digital and researcher services.

Her team provides a range of sector leading services to support the University's researchers in support of open research, digital scholarship, research data management and supporting the University's digital strategy.

Lorraine has worked in the HE Sector throughout her career, with 15 years at senior management level. She is an Alumnus of the University of Manchester and has a background in biological sciences, having previously worked in a research role for Cancer Research UK.

Lorraine has significant experience of leading transformational change, digital strategy and directing large programmes of work. She is a role model on Advance HE's Aurora Women in Leadership programme.

2.3: An active approach in establishing IT library services as a trusted partner in the design, development, and sustainable exploitation of research infrastructures

Author: *Roxanne Wyns, KU Leuven Libraries, Belgium*

ABSTRACT

As a digital service provider part of KU Leuven Libraries, LIBIS has for over 45 years been a driver of digital transformations, bringing new innovations on both infrastructure and processes in the library and archival domain. With the intensification of data driven research and the growing importance of FAIR data sharing, our more traditionally focused value proposition for the automation of library services has evolved to include being a trusted partner in the design and development of research data infrastructures.

This paper focuses on the potential role of libraries as a trusted development partner for digital strategies and technologies, the approach, and the resources needed to provide a valuable service offering of sustainable research services ranging from technological developments to expertise on trending topics as FAIR, cross-domain (meta)data interoperability and trustworthy digital repositories in the context of EOSC. This will be demonstrated through several implementation stories where we are at the forefront in taking Open Science and FAIR data sharing to the next level:

- The co-design of the KU Leuven RDM roadmap followed by the successful implementation of the institutional Research Data Repository RDR. This story demonstrates the value of the library (IT) staff's long-time experience in standardized data exchange as well as the importance of openness and involvement of stakeholders during the full implementation trajectory.

- The development of iCANDID, a data hub infrastructure for improved access to big data collections in SSH research, with a focus on the open and agile development methodology, highlighting the importance of the requirements analysis and prioritization phase when dealing with input from a diversity of research projects and use cases from multiple SSH research groups. This implementations story demonstrates the value of collaboration between research groups and library IT departments in terms of developing robust, scalable, and sustainable (domain specific) research infrastructures giving researchers access to state-of-the-art technological developments such as AI and machine learning.

- The involvement as core partner in RESILIENCE, a research infrastructure for Religious Studies that joined the ESFRI roadmap, and which is currently in its preparatory phase. This story demonstrates the potential role of libraries in the support of European research infrastructures in the development of their digital strategies, ranging from Open Science to sustainable service development strategies.

- The last case story explores the importance of a strong and active involvement of expert library staff in the implementation of the European Open Science Cloud. The EOSC will be pivotal for Open Science and the way data, tools and services will be shared across a federated ecosystem. Being at the forefront of the implementation means a strong investment and commitment (e.g., through participation in the task forces), but in return, libraries get to be part in steering the EOSC in its strategy and values. In addition, we gain extended insight into this evolving ecosystem as well as access to a network for future innovative collaborations.

Presenter: *Roxanne Wyns*

Bio

Roxanne Wyns (f) is innovation manager at LIBIS, a digital service provider part of KU Leuven Libraries. As innovation manager she specialises in FAIR data infrastructures and works on several domain specific research infrastructure projects related to FAIR management of data collections. Roxanne is co-promoter and technical lead of the FWO medium scale infrastructure project iCANDID 3.0 SSH FAIR Data Hub and director of the RESILIENCE, a new research infrastructure on the ESFRI roadmap. She's also involved in university wide and cross-domain initiatives in support of Open Science and FAIR data such as the realisation of the institutional research data repository. She participates in several OS and RDM initiatives in Flanders and Europe and is co-chair of the EOSC-A Long Term Data Preservation Task Force.

Parallel Session 3 – Find and Seek: building and preserving collections

Chair: Heli Kautonen, *Suomalaisen Kirjallisuuden Seura – Finnish Literature Society, Finland*

3.1: Building and Processing Corpora from Archived Web Content

Author: *Gyula Kalcsó, National Széchényi Library, Hungary*

Abstract

National Széchényi Library has started its web archiving project in 2017 that has become a permanent service from 2020. Main harvest types are focusing on domain (.hu domain and related materials), various themes and major political, cultural, sport events. We have started an event-based weekly harvest related to the Russian-Ukrainian conflict then war from 21 February 2022 from 75 news portals in Hungary and in the neighbouring countries. News collection primarily based on categories and tags that are being used on the portals (currently 445 seed url:). The collection is not public, however we have created a SolrWayback-based public search interface (https://ukrajnapublic.webharvest.oszk.hu/solrwayback/). By this service the full-text news are not available due to copyright reasons but there is a full-text search function, metadata and textual context can be also displayed.

Such thematic web research collections can provide an excellent basis and data set for various social science and humanities research. One of these uses is to build text corpora from the web content harvested, which can be analysed using natural language processing tools to produce rich data visualisations. The linguistically analysed texts could be a source for further research: discourse analysis, sentiment analysis and other analyses of interest to humanities and social science research. The Centre for Digital Humanities of the National Széchényi Library has built an experimental corpus of news material on the war in Ukraine to develop a methodology for building a corpus of texts from the web archive material.

Our procedure is to extract the HTML from the WARC files using a Python library called WARCIO, then clean up the HTML code by removing the boilerplate with a Python tool called jusText to get raw text. The resulting plain text is processed (broken down into sentences, tokens, got POS-

tagged, be lemmatized, morphology analyzed and clarified) using a natural language processing tool chain, EMTSV, developed for Hungarian. The parsed text is processed in several ways, e.g. datasets are created that can be fed into Power BI software, which can be used to create various interactive reports, graphs and other data visualisations (available online on the Digital Humanities Centre platform: https://dhupla.hu/page/kreativ/ukrajna-hirek-szokeszlet-interaktiv).

A similar method can be used to build a text corpus from any thematic collection. Although the texts themselves (the corpus) cannot be made public due to copyright restrictions, the publication of data sets that can be extracted from the texts opens up new possibilities for research in the humanities and social sciences. The long-term goal is to classify the material of the entire web archive thematically and to make the data that can be extracted from the resulting thematic sub-collections available to researchers.

Presenter: *Gyula Kalcsó*

Bio

The author is the leader of the web archiving team of National Széchényi Library Digital Humanities Centre Department of Digital Philology and Web Archiving. He is also a university lecturer in linguistics. His main fields are born digital archiving, corpus building, natural language processing. He holds a PhD of linguistics. He has been publishing for 20 years on corpus building for linguistics, linguistic corpus analysis, digital humanities theory and practice.

3.2: Research Software preservation: Libraries role and contribution to a key pillar of Open Science

Authors:

Roberto Di Cosmo, Sabrina Granger and Morane Gruenpeter, Software Heritage and Inria, France
Violaine Louvet, CNRS and Université Grenoble Alpes, France
Grégory Miura, Université Bordeaux Montaigne, France

Abstract

 The awareness and recognition of software's role in all scientific communities is growing as a result of the Open Science movement and as a response to the reproducibility challenges. Alongside publications and data, software is a pillar of the academic ecosystem. The preservation of the source code over the long term is one of the cornerstones of a reliable knowledge base with the potential to increase the transparency, reproducibility, and accountability of scientific research.

Libraries play an important role when it comes to documenting, describing and linking academic resources. We claim that libraries have at their disposal a trustworthy gateway with the universal source code library, Software Heritage (SWH), to link research outputs to software source code.

In this presentation, we explain the SWH infrastructure. We also illustrate partnerships with different institutions, including academic libraries, scholarly repositories, publishers and the National Library of France to share knowledge, expertise and collaborate towards the archival of the academic software corpus.

SWH is an open, non-profit, and multi-stakeholder initiative that builds the universal archive of all publicly available source code, launched by Inria in partnership with UNESCO in 2015. SWH collects, preserves, and makes accessible the source code and development history of publicly available softwares over the long term, therefore also fulfilling the core missions of libraries.

The curation and preservation of software requires different functionalities and services than the processing of publications or research data. Moreover, SWH's approach differs from the legal deposit of software and databases, managed by the national French library (BnF). In the presentation, we will demonstrate methods to build the full collection of code and metadata

describing the software in a library of living source code. We'll also explain how SWH provides practical solutions for researchers helping them publish articles that are "link rot proof".

Furthermore, librarians and academic support staff require training to understand how to better archive and curate research software in their own collections or how to better reference to outputs that are archived in Software Heritage.

In 2023, the Alexandria source code library provides access to more than 13 billion unique files from forges and platforms around the world. The inclusion of SWH in the academic ecosystem also involves institutional incentives and the use of SWH is now part of the recommendations of the French National Research Agency (ANR) and the International Neuroinformatics Coordinating Facility (INCF). The support provided by the French Ministry of Higher Education and Research and the creation of a network of ambassadors also contribute to promoting SWH to its audiences.

The recognition of the importance of software in research remains a long-term task, which calls for technical as well as political and methodological solutions. The support of researchers as well as the development of descriptive standards for software will play a major role in giving software the place it deserves. From many points of view, to quote C. Borgman, software heritage is definitively the next frontier for libraries.

Presenters: *Roberto Di Cosmo and Sabrina Granger*

Bios

Roberto Di Cosmo (Software Heritage Founder and CEO). After teaching for almost a decade at Ecole Normale Supérieure in Paris, Roberto Di Cosmo became full professor in Computer Science at University Paris Diderot. He is currently on leave at Inria to lead the Software Heritage project.

His research interests span a wide spectrum from foundational aspects of logical systems to functional programmeming, parallel and distributed programmeming. He created and directed the European research project Mancoosi to improve the quality of large collections of software quality, and

is investigating now the scientific problems posed by the general adoption of Free Software, with a particular focus on static analysis of large software collections.

A long term Free Software advocate, contributing to its adoption since 1998, he has created the Free Software thematic group of Systematic in October 2007, which has helped fund over 40 research and development projects, and he is now director of IRILL, a research structure dedicated to Free and Open Source Software quality.

Sabrina Granger is a librarian and she joined the Software Heritage team as Open Science community manager. Her role is to promote the use of Software Heritage, in particular by strengthening collaborations with research structures and by contributing to the development of communities of practice. She holds a PhD in humanities and has been involved in Open Science for several years in academic libraries and for the French ministry of research and higher education. For 7 years, she was responsible for a training service for researchers of all disciplines, with a strong emphasis on best practices in computing, data science, Open Science, reproducible research.

3.3: National Infrastructures Supporting Discoverability and Approachability of Research-Based Information – A Case from the Finna Services

Authors: *Veera Elena Mujunen and Riitta Peltonen, The National Library of Finland, Finland*

ABSTRACT

In this presentation we provide a case example of how the National Library of Finland (NatLibFi), in collaboration with Finnish library network, use the Finna infrastructure to promote and make research-based information in Finnish OA publications more discoverable and approachable to researchers and students as well as the general public.

Finna is a group of different services developed and maintained in the NatLibFi. The national search site Finna.fi combines all the content coming from over 450 Finnish libraries, archives, museum and publication repositories. Finna is also a platform service for content providers to build their collection search services or web libraries on. NatLibFi is responsible for the Finna platform development whereas the other organisations are responsible for providing the content.

We present how we created a new contract model in order to include repositories from new types of organisations into the Finna index. The new model enabled inclusion of OA repositories of the Finnish state research institutes. This is an example of how NatLibFi as a node organisation needed to take up new responsibilities to enable progress.

We elaborate how these publications are made available in both, the national Finna.fi portal and in the search services of other libraries. Most Finnish library websites are built on top of the Finna platform and one of the key features of Finna-based web libraries can add databases from the Finna index into their own search service. This enables making the publications available where the readers are, whether they are students, scholars or a wider audience.

We discuss how Finna services and the network of libraries collaborated to make these publications more approachable to the general public. With approachability we mean that in addition to making the publications available and accessible, they are also presented in places and ways that make it easy for the audience to start exploring them. Marketing is also part of the process. This means taking up new responsibilities for all parties in the collaboration.

When operating in this kind of networked environment of shared responsibilities, one major challenge is how to innovate and push something new to happen. The participating organisations' collective decisions, contribution and in-depth expertise in their content offering are necessities for the progress, but structures and facilitation are also needed. Through our presentation, we give examples of initiatives that we as a node organisation took and where co-creation methods were essential to push the collaboration into new areas.

We are taking steps towards something new that can help in bringing research-based information a step or two closer to the general public and make it more approachable for them. In the current time of misinformation, this is more crucial than ever. Quote from Ray Bradbury "You don't have to burn books to destroy a culture. Just get people to stop reading them" talks about culture. This goes for scientific information too.

Presenters: *Veera Mujunen and Riitta Peltonen*

Bios

Veera Mujunen (M.A.) works as an information specialist in the Finna Services of the National Library of Finland. Her work focuses on service design related to library e-resources and OA publications in cooperation with academic and special libraries.

Riitta Peltonen (MSc, MTHM) works as Lead UX Designer for the National Library of Finland. Riitta develops the user experience of the Finna service (an UI platform and a national search service for library, museum and archive materials). She also develops UX processes for the National Library of Finland.

Parallel Session 4 – Hands-on Practices for Research Data Management

Chair: Liisi Lembinen, *University of Tartu, Estonia*

4.1: Teaching Data Stewardship: Insights from the Certificate Course „Data Steward" of the University of Vienna

Author: *Tereza Kalová, Vienna University Library, Austria*

ABSTRACT

Data-driven research is growing exponentially. In order to support researchers with the sustainable management of their data, research institutions – libraries in particular – increasingly hire staff for an array of data-related roles. The position of data stewards has become prevalent in recent years – especially in Europe. Data stewards need specialized training in addition to their degree(s) in a scientific discipline. According to Barend Mons, 500,000 data stewards will need to be trained in the EU alone (1). Such options are increasingly being offered internationally and range from short training courses to whole master's degrees. The first professional data stewards in Austria (such as at the Graz University of Technology) had to acquire their skills and knowledge on the job (2). In 2021, the Vienna University Library developed the first certificate course for data stewards in Austria, to support national and international efforts regarding Open Science education and training.

With regard to the tasks of data stewards – such as the support of researchers, knowledge transfer, research data management (RDM) training and requirements engineering (3) – as well as recommendations for data stewardship competences, the course includes various aspects of RDM and Open Science, as well as the basics of data science and programmeming. The course builds upon the most successful parts of the certificate course "Data Librarian" which was offered by the Vienna University Library together with three other Austrian libraries in the years 2018-2021 as well as similar programmes from other countries. The course is practice-oriented and allows the participants to learn not only from national and international experts on data stewardship and RDM, but also benefit from transdisciplinary exchange amongst themselves. The part-time programme is offered in a hybrid format as a way for RPOs to upskill current research support staff as well as offer an alternative career path for researchers. The first round started in October 2022 with 25 participants from ten countries and will finish in June 2023.

Research institutions worldwide are developing training courses to meet the growing demand to professionalize data stewardship education. As the first formalized further education programme in Austria, this presentation on the certificate course "Data Steward" from the Vienna University Library is sure to spark discussion on the topic of data stewardship training and contribute to the global efforts regarding Open Science education. The lessons learned throughout the development and the first round of the course should serve as an example of possible collaborative efforts to implement high-quality certified data stewardship training on the national level.

Presenter: *Tereza Kalová*

Bio

Tereza Kalová is the data steward coordinator at the Vienna University Library. Together with a team of embedded data stewards, she develops needs-based services for researchers in the area of data management and Open Science. As a project manager in the FAIR Data Austria project (2020-2022), Tereza played a fundamental role in bringing data stewardship to Austrian research institutions. She leads the development of the certificate course "Data Steward" – the first further education programme for data stewards in Austria. Tereza serves as a member of the Management Board of the EOSC Support Office Austria and is involved in several international initiatives including the RDA IGs "Professionalizing Data Stewardship" and "Education and Training on Handling of Research Data". She co-leads the "Career Paths" task within the EOSC TF "Data Stewardship and Career Paths".

Tereza holds a Research Master's degree in critical theory/children's literature (University of Reading, UK) and an MA in Library and Information Science (Humboldt University of Berlin, Germany). Her research focuses on data stewardship as well as researchers' needs concerning data management support.

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4.2: Revisiting the roles and responsibilities of Research Data Management supporting units at Leiden University

Author: *Femmy Admiraal, Leiden University Library, The Netherlands*

ABSTRACT

Since its establishment, the Centre for Digital Scholarship (CDS) at Leiden University Library has been pioneering Open Science practices, focusing particularly on data management and open access publishing. Initially, the activities of the CDS were aimed at supporting researchers directly. However, Leiden University has recently attracted a considerable number of faculty-embedded data stewards. This paper reflects on the changes in stakeholders that this expansion of the RDM supporting units entails.

In 2015, an institution-wide programme was launched at Leiden University to foster effective data management practices (Verhaar et al., 2017). One of the aims of the programme was the implementation of the research data policy. To do so most effectively, active collaboration was sought with scholars in all the faculties, who were leading several pilots in their function as data management pioneers. Since then, the CDS has continued to support researchers and PhD candidates directly, through domain-specific trainings, helpdesk support, quick guides, et cetera. Nowadays, the activities of the CDS are integrated with a matrix of support services offered by the university. This matrix brings together existing support services throughout the research cycle, such as grant support and privacy and information security support, organized in thematic and disciplinary networks (Yeomans, 2019).

In the course of 2022, the composition of the network of stakeholders involved in RDM support changed significantly. On a national level, impulse funding was made available for universities to strengthen their research data management support activities. One of the outcomes of this was the arrival of embedded data stewards in each faculty. Although the dimension of their appointment, as well as the expected tasks, vary per faculty, all data stewards operate in close contact with the researchers and are considered the first line support for the faculty's research community.

With this shift in stakeholders of the RDM support that the Centre for Digital Scholarship offers, a need for reorientation of the activities of the center arises. While the faculty-embedded data stewards take on some of the support activities by engaging directly with the researchers, the CDS as a

central hub within the university library, is uniquely placed to take an analytic approach towards data management practices at the faculties and leverage that knowledge to improve the services on a university level. In this paper, we will reflect on this transition from first line support for researchers, to a 2nd line structure. We will present the ambitions that the CDS has, as well as the challenges that come with this process of change. We will particularly highlight the community management activities that are currently being build, and argue how that corresponds with a broader take on changes in engagement with the library's communities.

Presenter: *Femmy Admiraal*

Bio

Dr. Femmy Admiraal Trained as a linguist and anthropologist, Femmy Admiraal joined a research project on Baure, an endangered language spoken in Bolivia, at the University of Leipzig and obtained her PhD from the University of Amsterdam with a dissertation on spatial reference in Baure. Her research interests include language documentation and building corpora of lesser studied languages; language maintenance and revitalisation of minoritised languages. From 2017-2022, she worked as a Data Station Manager Humanities at DANS, the archiving institution of the Royal Dutch Academy of Science. In that position, she was involved in several national and international networks and projects on FAIR data management. Currently, she is a Senior Data Management Expert at the Centre for Digital Scholarship of Leiden University. Her areas of expertise include FAIR data management, data curation and long term preservation.

4.3: "Ateliers de la donnée": How France is implementing its national network of labelled Research data management, support and training Clusters

Author: *Cécile Swiatek Cassafieres, University Library of Paris Nanterre, France*

ABSTRACT

Since 2021, France has been implementing a proactive national policy to support research units and researchers in the formation and deposit of research datasets as part of its second national plan for Open Science and its ministerial roadmaps for algorithms, data and source codes. A presentation at LIBER 2022 of the national „Recherche data gouv" ecosystem of the French national repository and its related training and upskilling programme dedicated to researchers was successfully presented.

For LIBER 2023, we propose to focus on the "Ateliers de la donnée" / „Data Workshops" programme https://recherche.data.gouv.fr/fr/page/ ateliers-de-la-donnee-des-services-generalistes-sur-tout-le-territoire. These workshops, organised as a territorial network, contextualise and give substance to this concrete support for researchers. They aim first and foremost to acculturate researchers and research support staff to research data management and to integrate the issues of open dissemination of these data and the generalisation of these good practices in laboratories, in order to ensure the best opening and management of research data produced with public funding.

Libraries, a central and essential player in this support for the opening up and sharing of research data, are demonstrating the key role played by library services both in terms of the trust and reliability of the infrastructures used and as active trainers in the proper management and open dissemination of research results. As the "Ateliers de la donnée" / „Data Workshops" are a multi-level labelled scheme, the methodology used and the criteria put in place, as well as the design of national support and the creation of a collaborative dynamic at the level of the institutions labelled "Ateliers de la donnée" / „Data Workshops" or in the process of becoming so, are exemplary and deserve to be widely presented and shared.

This presentation firstly presents the eligibility criteria used, the method employed, the creation of a national network to promote practitioners and best practices in data management and training for researchers and librarians. The presentation will then focus on the results obtained: firstly, the

generalisation of the practice of depositing datasets and their public and open dissemination in trusted, secure and reliable repositories; secondly, the implementation of local training and support programmes for researchers; and thirdly, the generalisation of a culture of responding to calls for research projects, including the proper preparation, curation and publication of research datasets.

The objective of this paper is to propose to the participants of this LIBER 2023 session the keys to the trust established with research libraries on the subject of research data, to show how France has positioned libraries as a fundamental actor in this subject and to discover the French national and local methods and organisations in terms of training and support for laboratories and researchers in the good practices of managing their research data. We also aim at the possible reproducibility of these methods for and by participants who will be interested in building similar workshops in the framework of a national policy.

Presenter: *Cécile Swiatek Cassafieres*

Bio

Cécile Swiatek Cassafieres is Director of the library of the University of Paris Nanterre, France. She is interested in accessible knowledge, information skills, pedagogy and digital innovation in higher education. As a Member of the Executive Board of the European league of research libraries (libereurope. eu) and SPARCEurope, former Secretary General of the French academic libraries association ADBU (adbu.fr, 2016–2021), she takes a curious and critical look at Open Education issues through her work at SPARCEurope, OEGlobal / OEGlobal Francophone and with the UNESCO. From 2020 to 2022, she participated in the French EDUCAUSE delegation. Since 2021, she has been mandated as a permanent national expert on Open Educational Resources (OER) in the French International Open Science Network (ReiSo) for the Ministry of Higher Education, Research and Innovation (MESRI). Expert on both the UNESCO Recommendations on OER (2019) and Open Science (2021), she has also been bringing her skilled and accurate vision as an independant expert with the UNESCO's global partnership on Open Science since 2023. https://fr.linkedin.com/in/cecileswiatek https://orcid.org/0000-0003-1066-4559

Keynote Speaker – Chris Bourg

Thursday 6 July, 09:00–09:45

Chair: Giannis Tsakonas, LIBER Vice President

Speaker: Chris Bourg, Director of Libraries at Massachusetts Institute of Technology (MIT), United States

Role of Research Libraries in Open Research: A view from MIT

Abstract

In the two decades since the Budapest Open Access Initiative declared the possibility and the promise of "the world-wide electronic distribution of the peer-reviewed journal literature and completely free and unrestricted access to it", progress towards the goal of open access has been uneven and sometimes painfully slow. Despite – and sometimes because of – the best efforts of research institutions and their libraries, open access has also too often been co-opted by for-profit publishers, resulting in costly and opaque pay to publish models of open access. A recent shift towards a more holistic approach to open research that incorporates data, code, and other research outputs, combined with an uptick in funder policies requiring open sharing of funded research, call for a careful analysis and reimagining of the role of research libraries in advancing open research.

At MIT Libraries, one of our core strategic principles is that "We are relentless in our pursuit of a more open and equitable scholarly landscape that prioritizes inclusion and reduces the marginalization of scholars and scholarship from disadvantaged communities." We are engaged in, often in close collaboration with other stakeholders, a range of activities to enact this principle – values-based negotiations with publishers, education and advocacy, direct support of open publishing efforts, research on equitable and open scholarship, and collective action to create the cultural change necessary for achieve a fully open and equitable scholarly communications landscape. In this talk, I will share a view from MIT on the role of research libraries in advancing a more inclusive, open, equitable and trusted system of scholarly communication.

Bio

Chris Bourg is the Director of Libraries at Massachusetts Institute of Technology (MIT), where she also has oversight of the MIT Press. She is also the founding director of the Center for Research on Equitable and Open Scholarship (CREOS). Prior to assuming her role at MIT, Chris worked for 12 years in the Stanford University Libraries. Before Stanford, she spent 10 years as an active-duty U.S. Army officer, including three years on the faculty at the United States Military Academy at West Point. She received her BA from Duke University, her MA from the University of Maryland, and her MA and PhD in sociology from Stanford.

Chris has extensive experience promoting equitable and open scholarship, and is an advocate for the role of libraries in promoting social justice and democracy. Chris co-chaired the MIT Ad Hoc Task Force on the Future of Libraries and the MIT Ad Hoc Task Force on Open Access to MIT's Research, and is a member of the National Academies of Science, Engineering and Medicine Roundtable on Aligning Incentives for Open Science, as well as the Higher Education Leadership Initiative for Open Scholarship. Chris is a member of several advisory boards and steering committees, including: SocArXiv Steering Committee; Harvard Board of Overseers Committee to Visit the University Library; External Advisory Board of the Stanford Data Science Institute's Center for Open and Reproducible Science (DSI-CORES); Cambia Board of Directors; and SPARC Steering Committee.

Parallel Session 5 – Building Communities: bolstering the library network

Chair: Thomas Kaarsted, *University Library of Southern Denmark, Denmark*

5.1: Academic Libraries and Citizen Science: Identification and Valorisation Issues

Authors: *Raphaëlle C. Bats, Mathide Garnier and Julia Trémolières, URFIST Bordeaux, University of Bordeaux, France*

Abstract

As it can be attested by the creation of the academic label 'Science With and For Society' in 2021, the 2022 calls for citizen science projects from the National Agency for Research, the citizen science indicator established by the Academic Sustainable Development & Social Responsibility label, the French universities interest in citizen science keeps being reinforced. Open Science is clearly stated at the core of these policies and the French Law on Research Programmeming mentions the importance 'to enable the advent of a more Open Science to citizens leading to a reconsolidation of the democratic link at the closest of the local levels' (Law on Research Programmeming, 2020).

Nowadays, the last cornerstone of Open Science – citizen science –, is subject to a greater attention, as recommended by the UNESCO (2021). The transition context calls for renewing citizen involvement into scientific progress. In addition, the context of rejection of science increases the will of researchers to raise awareness among citizens through participation in their projects and to pass the results on the greatest number of people.

However, these projects and their results remain difficult to identify and disseminate to citizens (Bats, 2022): the projects are poorly covered, the SAPS labelled institutions find it difficult to list on-going participative projects, the European Citizen Science Association's directory lists only 8 of the French projects. Low visibility questions the possibility to spread collectively produced knowledge.

Yet, isn't there a role here for academic libraries to work on facilitating a real circulation of citizen science projects outcomes? So far, they focused their actions on training (CSWG LIBER, 2021), interfacing between internal and external partners (SKS, 2021) and events passing on participative projects

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(Mumelaš et al, 2022). Thus, we may assume that reinforcing the role of libraries entails the ability to identify citizen science publications so they can be spread to students, researchers, citizens and decision-makers.

Starting from a bibliometrics experimental work meant to identify publications related to citizen science projects at the Bordeaux University and comparing it to thesauri used in other institutions, we identified the most used terms and marking spaces (acknowledgements, titles, keywords, full text) and we built connexions between them and citizen science projects types. We also compared the terms used by either researchers or students in bibliometrics analyses, bibliographic searches and interviews.

These studies show that the variety of participative projects leads to diverse lexical usage and publication formats. It also shows that all citizen science publications are not identified as such. This study enabled us to build a bibliometrics research plan and a thesaurus for institutions looking to identify citizen science publications and to offer researchers a list of publication recommendations.

This thesaurus opens trails to work on promotion projects for these publications and to favour citizen science acknowledgement for citizen and academic scientists. Working along with citizen science stakeholders will help academic libraries in reinforcing their position as focal points for interdisciplinary knowledge and as intermediate between academic circles and society.

Presenter: *Raphaëlle Bats*

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Raphaëlle Bats is the co-head of the URFIST Bordeaux (Unité Régionale de Formation à l'Information Scientifique et Technique), University of Bordeaux, France. There, she is organising training sessions and conferences about scholarly communication, data, Open Sciences, academic writing, Open Science, citizen science, etc. for PhD students, researchers and librarians. She defended her PhD Thesis in October 2019: "From Participation to Collective Mobilization: public libraries looking for their democratic vocation". She is still running

different research projects about citizen science, information and climate change. She was elected president of AIFBD (Association internationale francophone des bibliothèques et de la documentation) from 2017 to 2020. She launched and animated the webinar #BiblioCovid19 « Libraries in time of crisis: the case of covid 19 » from March to December 2020, and received by the Livre Hebdo the « Librarian of The Year 2020 Award ». She joined the WG Citizen Science of LIBER in June 2021.

5.2: Research Libraries in Open Urban Sustainability Hubs

Authors:

Christian Peer and Beate Guba, Technical University of Vienna, Austria

Isabelle Bonhoure and Ignasi Labatista, University of Barcelona, Spain

Frank van der Hoeven, TU Delft, The Netherlands

Abstract

A prerequisite for sustainable development is that transformative knowledge and action can unfold in cooperative processes. In the applied research project „Open Urban Sustainability Hubs" (OPUSH), framework conditions and ways are being investigated and developed to address the following central question: How can sustainable developments in democratically constituted societies be co-developed and co-supported by local urban communities?

OPUSH focuses on making knowledge about sustainable transformative action more visible and comprehensible via existing knowledge infrastructures such as libraries and museums, and in particular on making knowledge production more inclusive and participatory, as well as making these knowledge sites and networks in the city more accessible to local communities. In this context, OPUSH includes Research Libraries from three different project partners; TU Wien, TU Delft and Universitat de Barcelona Research Libraries.

In the international and transdisciplinary project partnership, infrastructural prerequisites and framework conditions for open scientific work will be researched over a period of three years and measures to strengthen these infrastructures will be developed. In four cities, namely Barcelona, Rotterdam The Hague Metropolitan Region, Tallinn and Vienna, cooperation between science, library, museum, city administration and civil society will be established in order to test Citizen Social Science approaches in these local Open Science environments.

Following on the existing work done within the LIBER network to strengthen Open Science and Citizen Science within Research Libraries (Wyler and Haklay 2018, LIBER 2018), OPUSH is proposing some new conceptualization of the intersection between urban sustainable development, open and citizen science and the potentials of Research Libraries as knowledge infrastructures.

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This prospective and conceptual work will be presented in the form of a paper and a presentation detailing how the research libraries can be relevant knowledge hubs to deploy new research frameworks, while addressing the challenge of OPUSH to establish local research collaborations and to evolve in inter- and transdisciplinary learning processes.

Presenter: *Christian Peer*

Bio

Christian Peer is a cultural anthropologist, civil engineer, environmental and spatial planner, experienced in inter- and transdisciplinary research and urban transformation. Since 2013 he has been a researcher and teacher at the Technische Universität Wien, today Senior Scientist at future.lab Research Center. He has conducted an extended amount of studies on strategic urban planning, planning participation, environmental and strategic urban development. The focus of his work is on Urban and Regional Development, Urban Studies and related perspectives of Science and Technology Studies in Architecture and Planning. Applied research and experimental interventions are designed, implemented and critically reflected in inter- and transdisciplinary collaborations as a contribution to sustainable development. Collaborative processes based on civil society involvement are both studied and implemented, such as the experimentation in large urban development areas including intense real world laboratory experimentation and the inter- and transdisciplinary collaboration on educational landscapes connecting higher education communities, schools and citizens and citizen communities. Christian Peer is amongst others coordinating the Austrian Lectures for Future, member of Scientists for Future Austria, member of AESOP Core Curriculum review initiative – working group.

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5.3: Community for All? Knitting, Coding and Digital Inclusion as a Community Engagement Strategy for University Libraries

Author: *Karoline Liv Vildlyng, The Royal Danish Library, Aarhus University, Denmark*

Abstract

In the digital age, the path for knowledge is increasingly paved with data, digital networks and emerging technologies, leading to high demands of digital literacy, especially amongst university students. Yet, female and male students across the EU report vastly different degrees of digital confidence and perceptions of own skills, with only up to 3% of young women aspiring to work with ICTs professionally (Women and Men in ICT, EIGE:2018). This gender gap presents us with new and increasingly pressing questions, specifically how we, as research and university libraries can work towards digital inclusion and digital accessibility of our digitized archives and collections, for all students?

This paper presents an ongoing project that responds to the questions posed above. Through explicit focus on digital inclusion and by utilizing community building as both a strategy and a goal, The Royal Library at the University of Aarhus launched – in the spring of 2022 - the first library-run workshop in text mining with digitized, archived historical sources, aimed specifically at female and female identifying students: Knit & Code. Knitting as a craft is experiencing a substantial renaissance in Scandinavia, especially amongst young women age 18-29. The knitting communities are large and growing at Scandinavian universities and represent an apt opportunity for engaging a predominantly female and female identifying community with the library's digital initiatives through novel teaching approaches.

Knit & Code is a unique teaching initiative in the university library context in Denmark, teaching computational text analysis within a knitting framework. Both knitting and coding are types of work that combine loops, repetitions, binary data and the communication of functions through variables such as text, numbers and symbols. Knit & Code recontextualizes known, but complex phenomena like data, front-and backend design, APIs and programmeming languages through concrete knitting examples and storytelling.

Based on feedback given by more than 100 participants, as well as current research in the field of digital inclusion, we have formulated four overall themes for a gender inclusive and community minded approach to teaching digital methods in research libraries:

1. Community building – building social infrastructure for students with shared interests to continue the process of learning digital skills that have been started in the workshop, ensuring that students can continue to engage with the material with peers in social and safe social spaces
2. Mastery - through reconceptualization of existing skills as the foundation for acquiring new skills
3. Creating a shared vocabulary - of relevant terms and abbreviations, ensuring increased accessibility for understanding and engaging with new material
4. Close contact and 1-on-1 help - with the instructor running the workshop

The themes represent ongoing and emerging work and are intended both as inspiration and as grounds for debate. The goal is that explicit focus on gender, the utilization of unconventional forms of teaching within the library, as well as reconceptualization of existing skills like knitting, can create an increased experience of digital literacy amongst the user group and be a step towards a more inclusive and library space.

Presenter: *Karoline Liv Vildlyng*

Bio

Karoline Liv Vildlyng has an MA in Modern Culture and Communication from the University of Copenhagen and has specialized in the field of digitalisation, digital culture and digital inclusion. She is an Information Specialist at The Royal Danish Library at Aarhus University in Aarhus, Denmark in the Department for Library Services and Partnerships. She works with information resources, communication, and the development of novel library courses and workshops for university students at the BA and MA level.

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Parallel Session 6 – Cultivating Change: rights retention and open research practices

Chair: Émilie Barthet, *Université de Bourgogne, France*

6.1: The role of the European library community in driving change to rights retention, copyright and open licensing through policymaking

Authors:
Vanessa Proudman, SPARC Europe, The Netherlands
Jon Treadway, Great North Wood Consulting, United Kingdom

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ABSTRACT

Europe has seen a significant growth in Open Access (OA) policies and many institutions have been updating their policies and augmenting them with changed stances on rights retention, copyright and Open Licensing. These policy changes have been very much driven by the library community, operating within different institutional contexts, in response to funder and national policies, and different legislative frameworks. Research institutions are seeking ways to ensure that researchers are not overwhelmed by complex requirements and incentives, and to support them in meeting publisher and funder mandates.

Stichting IFLA Foundation Programme, in partnership with LIBER and SPARC Europe, are implementing a three-year Arcadia Foundation-funded programme to reform copyright laws, regulations and other policy measures that enable libraries to provide significantly improved access to and use of copyrighted works. The Knowledge Rights 21 Project aims to promote change at European, national and local levels by accelerating the uptake of rights retention and open licensing.

This presentation will draw on both quantitative data and qualitative lessons learnt from the research phase of Project Retain, which builds an evidence-base around current policies on copyright, rights retention and open licensing. This work will underpin a campaign for change and be used as a baseline for tracking future progress. The presentation will draw on a survey with over 200 respondents, over 15 interviews and focus groups to articulate the role the library community is playing in driving policy change in a number of countries across Europe. The speakers will draw attention to the drivers and blockers of progress, offer examples of good practices

and case studies showcasing innovative approaches to change management, whilst highlighting the different contexts and the stakeholder groups the library community is working with. For example, the importance of peer influence, network organisation for policymaking for strength in numbers, the availability of empowered and knowledgeable legal advisers, strong engagement strategies and the ability to adapt to feedback received when engaging researchers.

The presentation will articulate an Open Access call to action to encourage more institutional policymaking in the area of rights retention and open licensing to enable a simplified legal framework that better ensures the greater autonomy for authors and their institutions when seeking to publish OA. The institutional policymaking resources needed for a new paradigm where copyright supports Open Science will be outlined. The speakers will seek input from delegates on their own needs and challenges to increase institutional policymaking in Europe.

Presenters: *Vanessa Proudman*

Bio

Vanessa Proudman is Director of SPARC Europe, where she is working to make Open the default in Europe. Vanessa has 20 years of international experience working on Open Access, Open Science, Open Culture and Open Education with many leading universities and libraries worldwide from over 20 countries. Research and knowledge exchange are her vehicles to inform, connect and advocate for change in these areas: to increase international, national and regional policy-making and good practice in Europe. Prior to SPARC Europe, she worked at Tilburg University on various international initiatives, was programme manager at Europeana and led a dept on information and IT at a UNEuropean region research institute in Vienna for over 10 years.

6.2: Building Trust Around the French Open Research Archive HAL: A Shared Governance for Efficient Collaboration with the French Institutional Community

Authors:
Hélène Bégnis, CCSD, France
Françoise Rousseau-Hans, CEA, France

Abstract

Among the Good Practice Principles for Scholarly Communication Services developed by COAR and SPARC, one main principle is shared governance that includes users. It guarantees the needs of the institutional Community to strengthen transparency and trust in the decisions made by this governance for the benefit of the common interest. It also ensures the sustainability and durability of the infrastructure. This question arose for HAL, the national multidisciplinary open archive of French research.

HAL is the national multidisciplinary open archive of French research (over 1.1 million of full text). It is managed by the Centre de Communication Scientifique Directe (CCSD), a joint research unit of CNRS, Inria and INRAÉ, French research organizations. Included in the research infrastructures roadmap of the French Ministry for Higher Education and both National Plans for Open Science (NPOS - 2018, 2021), the French scientific and academic community has chosen HAL to diffuse its publications. It is both a single repository and an application, a shared platform for institutional archives, thematic open archives and theses. Nearly 140 French academic institutions (research institutes, universities and schools) have opened their institutional repository. They include their OS policy in the national dynamic and showcase their scientific publications.

By adopting two NPOSs, France has paved the way for a coherent and dynamic public policy in the field of OS, coordinated by the Committee for Open Science. The first commitment of these plans is to generalize open access to publications ; HAL is a pillar of this policy. Among the measures of the last NPOS linked to the development of HAL, the implementation of shared governance holds the dominant place ; this National Committee voted for this new model in 2020.

Open to all the partner institutions of HAL and facing internationally, it is composed of 4 instances :

_*Steering Committee* : arbitrates between the proposals of the Orientation Committee and answers to those given by the Committee for Open Science ;

_*Orientation Committee* : proposes orientations to the steering committee based on the needs identified by the institutional community and the recommendations of the International Scientific Council;

_*International Scientific Council* : ensures a scientific and technological watch and proposes new partnerships;

_*Partner's Assembly* : gathers the representatives of the institutions having a HAL portal and brings up their needs. It pays an annual financial contribution to the CCSD.

This latter body is at the heart of the CCSD's institutional network. The diversity of its members (libraries executives, researchers, Open Science managers, …) is a real asset. At the confluence of the needs of the institutions, the libraries and the scientific community, it allows to build HAL sustainably.

We will focus on the role of the elected representatives of this body. We will present the actions implemented thanks to this assembly (rethinking information sharing, setting up a community of practice, etc.) and their impact on the platform (evolution of the Terms of Use, reflection on the mutualisation of moderation, etc). Finally, after two years of operation of this shared governance, we will conduct an assessment and propose adjustments.

Presenters: *Hélène Bégnis and Françoise Rousseau-Hans*

Bios

Hélène Bégnis is responsible for the animation of HAL user communities at the CCSD, Centre pour la Communication Scientifique Directe (UAR of CNRS, Inria and INRAE), a major actor of the French Open Science policy. With a Master's degree in Information-Communication and a Master's degree in Computer Science applied to organisations, she has been committed, since the beginning of her career, to supporting research and researchers in their activities. She has participated in many projects and programmes aimed at providing open

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access to scientific productions in different disciplines: mathematics with the NUMDAM programme and SHS with the Perseus programme. In the course of her career, she has developed an expertise in assisting researchers in the digitisation and open access dissemination of their documentary corpus or towards Open Science. Very attached to the free circulation of knowledge, she joined the CCSD in 2021 to work towards an increased appropriation of the principles of Open Science by the entire French scientific community.

Françoise Rousseau-Hans is the head of the scientific library (Service d'appui à la recherche et à l'information scientifique et technique) of the French Alternative Energies and Atomic Energy Commission (CEA), a key player in technological research in France. With a PhD in cellular and molecular biology, she is committed to supporting the research and the researchers in their activities. During her career, she developed a lot of expertise in helping researchers to adopt Open Science, in setting up bibliometric monitoring indicators, and in negotiating with scientific publishers. She attaches great importance to the HAL open archive, which allows the international promotion of French publications. Since November 2022, she is the new coordinator of the French Couperin Consortium, which includes more than 250 universities, research organizations, schools and others.
https://orcid.org/my-orcid?orcid=0000-0002-0382-6815

6.3: From developing a Rights Retention Strategy to creating a Library-led Open Press, the role of trust and influence in developing a culture of Open Research

Authors: *Suzanne Tatham and Bethany Logan, University of Sussex, United Kingdom*

Abstract

Trust and influence are essential ingredients if Libraries are to further the Open Research agenda within their institutions. Libraries must strive to become trusted partners in order to exert influence at an institutional level. We are uniquely placed to do this because of the breadth and depth of our knowledge of the Open Research landscape. Moving beyond a narrow focus on compliance with funder Open Access mandates, we have a proven track record of successfully championing a wide range of Open Research practices within and beyond our institutions.

We take every opportunity to convince university leaders that we are trusted partners. Strengthening ties with library communities such as RLUK and LIBER gives us a powerful collective voice. University leaders are reassured by knowing they are in-step with their peers and not falling behind. We understand our own institution and know what approach to take; interpreting the national and international environment and translating that for our local circumstances. We also understand that it may not always be appropriate for our institution to be the 'first mover'. University leadership will have valid reasons for sometimes taking a cautious approach. One of our roles is to instil confidence and we can only do that if we are trusted partners.

Libraries have an important role to play in influencing institutional culture around Open Research. We have worked with university leaders to develop an Open Research Strategy. We have been instrumental in championing the use of responsible metrics and ensuring that DORA principles are embedded across all parts of the research cycle. Through our institutional repositories, we provide the infrastructure for the discovery of the research outputs of our academic community. We encourage reproducibility and reuse, bolstered by our membership of the UK Reproducibility Network.

Part of the success of our approach has been in understanding the right moments to push for change or to campaign, and being able to seize opportunities to align agendas wherever possible. The development of our Rights Retention Strategy is a good example of this. We have not hurried this and instead have taken a cautious approach, giving ourselves time to

influence our academic community and reassure them of the benefits of the approach.

Libraries can use their resources to exert influence in very practical ways such as aligning their budgets in support of Open Research. We have set targets and performance indicators to ensure the flip to open publication, supporting 'Subscribe to Open' and other alternative models of open publishing. Libraries can also set themselves up to facilitate institutional open publishing. We are developing a Library-led Open Press and have been working with academic colleagues to produce an open e-textbook. As we move from pilot phase into full service development, we will expand the opportunities for our academic community to publish openly. This diversification of the publishing landscape is an area where Libraries can play a key role in support of the principles of Open Research.

Presenter: *Suzanne Tatham*

Bio

I am an Associate Director at the Library where I provide strategic direction for the Library's teams responsible for Research and Open Scholarship, Digital Development and Student Experience, focusing on both the research and teaching activities of the academic community. I am also a member of the Sussex Humanities Lab leadership team and the university's Open Research Group.

I lead on the Library's relationship with SAGE Publications. This includes the annual appointment of three PhD researchers as Research Hive Scholars who engage with researchers at Sussex to provide peer support and foster community.

Open practice is a strong interest of mine and I lead the Library's efforts to promote and support open publishing. I am also particularly interested in information literacy and digital capabilities. I hold a Postgraduate Certificate in Higher Education and am a Fellow of the Higher Education Academy. I have co-produced the University's Academic Skills Strategy and I provide

leadership on the Library's contribution to embedding academic skills within University pedagogy.

I have worked in academic libraries for over 20 years after completing an MA in Information Studies at the University of Brighton. I am a Chartered Librarian and an active member of the Chartered Institute of Library and Information Professionals, where I mentor candidates for professional qualifications.

I am engaged in the wider academic library sector, through active involvement with the RLUK Digital Scholarship Network and through membership of publisher Advisory Boards including Cambridge University Press. I have written and presented on a number of issues, including the challenges and opportunities for libraries in providing support for research, relationship management, student experience and user interface design.

Parallel Session 7 – Future-proofing Libraries: fostering, valuing, and managing institutions.

Chair: Adam Sofronijević, *University library „Svetozar Markovic", Serbia*

7.1: Open educational resources: developing strategies and fostering a community of practice in a research-led teaching institution

Authors: *Maria Mawson and Helen Moore, University of Sheffield, United Kingdom*

Abstract

In November 2019 UNESCO adopted the recommendation on open educational resources, identifying five areas of action and calling on governments and organisations to progress these in order to encourage the use and creation of OER. The areas of action are:

- Capacity building
- Developing supportive policy
- Effective, inclusive and equitable access to quality OER
- Nurturing the creation of sustainability models for OER
- Fostering and facilitating international cooperation.

The UNESCO Recommendation is the first international normative instrument to embrace the field of openly licensed educational materials and technologies in education. It supports the development and sharing of openly licensed learning and teaching materials, benefiting students, teachers and researchers worldwide. It contributes to the building of open and inclusive knowledge societies, and to the achievement of the UN Agenda for Sustainable Development and Sustainable Development Goals, including SDG4 to ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

Over the last 2 years the University of Sheffield has made substantial progress in implementing the UNESCO recommendation into our library service. As the sector emerged from the trauma of the pandemic the authors and their library colleagues at the University of Sheffield embarked upon a programme of work, including a collaborative research project with White

Rose Libraries partners at Leeds and York. Drivers for this work included a growing interest in all things 'open' and challenging the e-book practices of commercial publishers.

This paper outlines the steps taken at the University of Sheffield to move each of the UNESCO areas of action forward. It demonstrates the agility required in today's research library to respond to a rapidly changing publishing environment, aligned with the Sustainable Development Goals and UNESCO's call to action. Hear how we are fostering partnerships at local, regional and international levels to broaden the conversation from open research to open scholarship.

Attendees of this presentation will find out more about the work behind the Sheffield approach and the research that underpins it. The authors will explore what worked well and what didn't work so well and share the 'lessons learnt'. Anyone who has an interest in Open Educational Resources, their application in a modern research-led teaching environment or just looking for a way to address the increasingly exorbitant prices charged by publishers for e-textbooks will find this presentation useful.

Presenter: *Helen Moore*

Bio

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Helen Moore has worked at the University of Sheffield for 20 years and prior to that worked for a large public library authority in the UK. Working with a team of librarians, Helen ensures the Library supports the academic endeavour and strategic priorities of the faculties of Engineering and Science. In recent years Helen's interest in open scholarship, and in open educational resources (OER) particularly, has grown, driven largely by emerging commercial textbook models which are costly and unsustainable. She is a member of the LIBER Working Group on Educational Resources and is a Senior Fellow of the Higher Education Academy.

7.2: Moving Beyond Strategy: University Library Organisational Culture in an Open Science Environment

Author: *Gyöngyi Karácsony, University and National Library, University of Debrecen, Hungary*

Abstract

"Culture eats strategy for breakfast." This statement by the management guru Peter Drucker has inspired management research to focus on organisational culture (OC) as a key factor in the success of strategy, and the long-term sustainability, change ability and innovation potential of organisations. Organisational culture is a complex system of beliefs, assumptions and values shared by the members of the organisation. Altough mostly unaware, colleagues accept these as a way of thinking and doing things at the workplace. OC is a unique perspective that can be traced in the behavior of the members, in the services, in the spaces, as well as in the communication of the organisation.

The 21. century has brought another significant concept to leadership and management: our ever-changing, turbulent environment has been labelled with the acronym VUCA. The volatility, uncertainty, complexity and ambiguity (VUCA) of the world around us is changing the way we think about the strategy and management of organisations. We are thinking in shorter strategic periods. We are revising our strategies and plans more frequently, adapting to the new developments in our life. We are all eyes and ears to be able to trace, identify and select all the important trends and events that we need to react to. Still, leaders often struggle with the feeling that they cannot cope with everything that is coming with the changes. We sometimes – or often – feel lonely and puzzled.

University and academic libraries are traditionally seen as institutions that reflect stability and consistence: a set of services with eternal values that support research and the education of future generations. Open Science (and the VUCA environment itself), however, has given way to a tremendous amount of new impacts, needs and requirements, where a new quality of leadership and management is needed in order to have a clear understanding of our vision and mission, and of the role and strategy of academic libraries in the new millenium.

The proposed presentation offers a fresh perspective: I invite the audience to the intersection of organisational culture studies and university library strategy in an Open Science environment.

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Based on the Competing Values Framework model by Cameron-Quinn and my own research in this area, I would like to direct our focus on the importance of understanding the underlying (and often hidden) values that determine the performance of our organisations.

My aim is to tell the story of my leadership team on how we define the role of our library in the new research ecosystem, becoming aware of the strengths and weaknesses of our organisational culture, and adapting to the environment with a growth mindset.

Presenter: *Gyöngyi Karácsony*

Bio

Gyöngyi Karácsony is General Director at the University and National Library, University of Debrecen, Hungary since 2013. She has sixteen years of professional experience in scholarly communication, open access and Open Science. She represents Hungarian university libraries in a number of national and international projects and committees, and served as president of the Association of University Directors in Hungary between 2019-2022. She has participated in OpenAIRE and COAR as national contact point, and she was the coordinator of the HUNOR (Hungarian Open Access Repositories, www.open-access.hu) working group between 2008-2019. She is a member of the Open Science Working Group of the National Research, Development and Innovation Office responsible for creating a national policy on Open Science in Hungary. Gyongyi Karacsony has extensive experience in coordinating electronic services, web service- and portal development, digitisation, and end-user training. Her current fields of interest and responsibility include Open Science, open education (facilitation and coaching techniques, training and skills development), human resources & capacities, research support, strategic planning, organisation culture and organisation development, leadership and management, community building and social innovation. With her coordination and management, the university library has developed a CRIS-like system for the dissemination of scholarly output of the University of Debrecen (https://tudoster.idea.unideb.hu/en). ORCID: 0000-0001-6588-743X https://tudoster.idea.unideb.hu/en/szerzok/36

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7.3: Re-evaluating library's value post-COVID-19

Author: *Liisi Lembinen, University of Tartu, Estonia*

Abstract

The COVID-19 crisis brought out more than ever the question about the value of academic libraries. The library relevance discussion has been going on for years already; however, it became even more urgent during the crisis. The Ithaka S+R US Library Survey 2019 showed that the primary concern for academic libraries' directors was the decreasing value of the library and its functions in the eyes of the university and higher education leaders (Frederick & Wolff-Eisenberg, 2020a). Similar worries were also shown by the leaders of LIBER libraries who responded to the COVID-19 survey; 25,25% of the respondents showed concern about redefining the library's role within the university (LIBER, 2020).

More recent surveys show a different trend; the value of academic libraries is potentially increasing again. The crisis gave an excellent chance for academic libraries to demonstrate their value to the university by adapting their services based on the needs of the university. „This pandemic provided an opportunity for libraries to invest in and improve the library's value." (Ashiq et al., 2022, p. 8). Library directors feel that libraries have shown their value during the crisis through their readiness to offer virtual support services for the university staff and students. 86% of the directors of the Ithaka S+R survey said that they stress establishing library service as a valuable and vital service for the university (Frederick & Wolff-Eisenberg, 2020b).

The author has been looking into various qualitative and quantitative studies from Europe and U.S. done in the past three years, mainly focusing on academic libraries' decisions and challenges during the COVID-19 crisis. In addition, a series of interviews with LIBER library directors show how library leaders decide during the crisis. Among other changes that COVID-19 brought to libraries, these studies also demonstrate the importance of academic libraries within the university, especially during the crisis. By using a mixed methods approach, this presentation presents the specific change in libraries' value that the crisis presented and how libraries responded.

Presenter: *Liisi Lembinen*

Bio

Liisi Lembinen has been Development Director of the University of Tartu Library since 2009. Between 2013 and June 2016, she worked as an Acting Director of UT Library. Previous positions in the library were e-books specialist and educational advisor. Liisi is a member of Open Science and Open Access team of the University of Tartu Library as well as a Project manager of DataCite Estonia. Since 2022, she is leading a citizen science project LibOCS in Baltic states' libraries. Between 2015-2020, she was the Chairman of the Management Board of Consortium of Estonian Libraries Network. Since June 2016, she is the secretary of LIBER's Digital Skills & Services Steering Committee (previously the Reshaping the Research Library Steering Committee). Since 2022, she is also a co-leader of Research Data Management working group. Starting from 2019 she is a PhD student in the School of Economics and Business Administration, the University of Tartu, Estonia. Her research topic is strategic decision-making in academic libraries.

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Parallel Session 8 – Unlocking Collections: expanding research library frontiers

Chair: Kirsty Lingstadt, *University of York, United Kingdom*

8.1: Sharing Cultural Heritage Images as Data: Supporting Open Science through Interoperability

Authors: *Beth Knazook and Joan Murphy, Digital Repository of Ireland, Ireland*

ABSTRACT

Cultural heritage data are both inputs and outputs to the research process: they are the raw materials needed for a range of research activities in the arts, humanities and social sciences, and they are also often the outputs of those disciplinary fields, informing the interpretation and reuse of artefacts, objects, or records held by the institutions that shape and preserve cultural memory. Very few of these institutions consider their digital assets to be „data", however, necessarily limiting the interoperability and potential value of these materials across a wide variety of scientific domains.

As one of 11 case studies in the WorldFAIR Project, a major global collaboration led by CODATA and involving partners from thirteen countries across Africa, Australasia, Europe, and North and South America, the Cultural Heritage case study seeks to explore how image-sharing practices in memory institutions can be aligned more closely with the FAIR Principles for research data. This alignment aims to support wider reuse and harmonisation of cultural heritage images with digital resources produced by other domains, recognizing that interest in cultural heritage images may not be limited to researchers working from a cultural heritage perspective.

This talk will explore the 'FAIRness' of current methodologies and practices in the cultural heritage sector that have been used to transform a wide variety of materials into digital assets, followed by an overview of the recommendations to be tested at the Digital Repository of Ireland to support the interoperability of cultural heritage data with resources in the larger digital research ecosystem. The outcomes of the DRI's case study will contribute to the development of a cross-domain interoperability framework (CDIF) and recommendations for FAIR assessment produced by the WorldFAIR Project.

Presenter: *Beth Knazook*

Bio

Beth Knazook is the Research Data Project Manager for the Digital Repository of Ireland, a CoreTrustSeal certified national repository for humanities, social sciences and cultural heritage data. In her current role, she is leading a case study on aligning Cultural Heritage image sharing practices with the FAIR Principles for data sharing as part of the WorldFAIR Project, a major global collaboration between partners from thirteen countries across Africa, Australasia, Europe, and North and South America. She previously worked as the Preservation Coordinator for the Digital Research Alliance of Canada and Portage Network, Digitization Manager for Huron County Library, and Curatorial Specialist for Toronto Metropolitan University (formerly Ryerson) Library Special Collections. She holds an MA in Photographic Preservation and Collections Management from Ryerson University and the George Eastman Museum, and she has taught classes on managing and describing photograph collections for Library Juice Academy, University of Toronto Faculty of Information, the Society of American Archivists (SAA) and the Council on Library and Information Resources (CLIR).

8.2: Accessible and inclusive collections: enhancing the reach of library and archive collections through remote technologies

Author: *Christina Kamposiori, Research Libraries UK, United Kingdom*

ABSTRACT

The closure of libraries and archives during the height of the Covid-19 pandemic restricted access to research and learning materials. Successive periods of national lockdown, and on-going social distancing rules, have significantly disrupted the ability of scholars to conduct research and have affected the student learning experience. In response to these challenges, research libraries and archives have been experimenting with the provision of geographically remote access to heritage and cultural collections through the creation of Virtual Reading Rooms (VRRs) and Virtual Teaching Spaces (VTSs).

Research Libraries UK (RLUK), in collaboration with its partners, has been tracking the development of these services since 2020 and investigating their potential as digital research infrastructure. It has conducted three international studies exploring the institutional perspectives with regards to their creation and delivery as well as the academic perception and use of the services. This paper will bring together the results of the two most recent international surveys (Kamposiori, 2022a; Kamposiori, 2022b) exploring their development and use.

The first survey documented the most recent innovations in the development and delivery of VRRs and VTSs across the international research library and archives community. The second survey explored the academic, research, and student awareness of and experience with VRRs and VTSs. Findings showed that remote technologies have strong potential to transform collections and make them more accessible and inclusive, as well as facilitate collaboration. Thus, research libraries and archives which have either developed VRRs and VTSs or planning to develop these services are currently considering how remote technologies can be best utilised in the post-pandemic era to engage successfully with a variety of user communities locally and internationally, such as during virtual or hybrid/ blended sessions. Presenting the user perspective alongside the survey results on current practices in the development of VRRs and VTSs will aim to generate discussion around service improvement and sustainability through the creation of audience focused strategies.

The goal of the paper will be to demonstrate how the reach of library and archive collections can be enhanced through the use of remote technologies and provide recommendations for the development of VRRs and VTSs based on user experience. Finally, it will touch upon the theme of partnerships and connections by highlighting the potential of these technologies to foster cross-institutional collaboration for the benefit of users.

Presenter: *Christina Kamposiori*

Bio

Christina Kamposiori has been the Executive Programme Officer at Research Libraries UK (RLUK) for the past 6 years. As part of her role, she leads key areas of the RLUK strategic plan and works closely with RLUK members and stakeholders to deliver the goals of the RLUK strategy. Christina holds a PhD in Digital Humanities from University College London. She also holds an MA in Cultural Heritage Management from Panteion University, Greece and a BA in Archaeology and Art History from the University of Ioannina, Greece. Her interests include, but are not limited to, the role of the research library in supporting scholarship in the digital age as well as the facilitation of research and learning through collections.

8.3: Opening up library collections for creative reuse

Authors: *Martijn Kleppe, Rianne Koning, Jessica Wevers, Angelique de Meijer, Jeroen Vandommele and Ron Hol, KB National Library of The Netherlands, The Netherlands*

ABSTRACT

Traditionally, collections of research libraries are being used by researchers for a variety of academic research purposes. However, due to the increased availability of open digital collections on non-traditional library platforms (such as Wikipedia, Europeana & Flickr) these collections have sparked the interest of new sorts of user groups. Artists, creative industry, commercial companies or citizens are increasingly aware of its existence and actively use library collections for a variety of reasons.

The KB, national library of the Netherlands is aiming to open up their collections not only for academic users, but for _all_Dutch citizens. To learn how non-academic users experience the way we present our collections, we undertook experiments with three types of users from the creative field. First, three professional artists were embedded as artist in residence for four weeks to explore the collection and create artworks from their field of expertise. Second, students of the Royal Academy of Art explored our manuscript collection of early modern alba amicorum (friendship books) and created new ways to experience them, ranging from Augmented Reality productions, physical installations, and performances, to a more traditional book publication and expositions. Third, students Industrial Design were challenged to create new ways for users to physically interact with digital collections. They created a range of installations that allow users to interact and explore the collections by movement or sound.

In this paper presentation we will discuss what all three types of creative users have created and will reflect on what we as a national library learned. Our findings show that users from the creative field and with a non-academic background apply a significant other search and explore strategy and found difficulty using traditional library tools such as catalogues or keywords. They also struggled with navigating the available digital collections, actually preferring the tangible experience of the physical book. As such, they needed extensive personal guidance and access to areas the general public is not allowed to visit.

When (national) libraries truly want every citizen to experience and use the richness of its collections, we should explore new ways of providing access,

for example by allowing users to search the whole collection full text, find ways to provide access to our secure storage facilities or enable them to do visual search on our image collections. We will finish our presentation by presenting the plans we are now working on to further open up our collections by applying new technique from the field of Artificial Intelligence and Virtual and Augmented Reality.

Presenters: *Martijn Kleppe and Jeroen Vandommele*

Bios

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Martijn Kleppe is a Board member Research & Discovery at the KB, National Library of the Netherlands. Trained as a historian, he wrote a dissertation on photographic iconic images by building and applying computational techniques. Before moving to the KB, he was a researcher in several European Digital Humanities research projects that focused on opening up (audio) visual and textual archives by using AI techniques such as National Language Processing, speech recognition and computer vision. At the KB, he led the Research Department and moved to the Board of Directors in 2022. He oversees both the online and physical Research and Discovery services of the KB, as well as all research activities in order for all usergroups to get better, richer and more innovative access to the national cultural treasures.

Martijn is a Board member of CLARIAH, the national digital infrastructure for the Arts and the Humanities (NWO). He is one of the founding members of both the Cultural AI Lab (ICAI) as well as Future Libraries Lab (TU Delft). He chairs the Research Advisory Board of the Network Digital Heritage (NDE), and is member of both the National Research Council for Heritage (NWO, OCW & RCE) as well as the Scientific Technical Council of SURF.

Jeroen Vandommele studied Early Modern History in Brussels and received his PhD on sixteenth century Dutch theatre at the University of Groningen in 2011. After his PhD, he worked at the printing cabinet of the Rijksmuseum, as well as teaching cultural history at the Universities of Groningen, Gent and Utrecht. In 2017, he was appointed curator of postmedieval and modern manuscripts (after 1550) at the National Library of the Netherlands, in The Hague (KB, nationale bibliotheek Den Haag). Since 2021 he has been involved in the Creative Europe project Open Digital Libraries (ODL), which brings together three National Libraries in Europe (The Netherlands, Austria and Estonia) to build capacity for using digital library collections creatively.
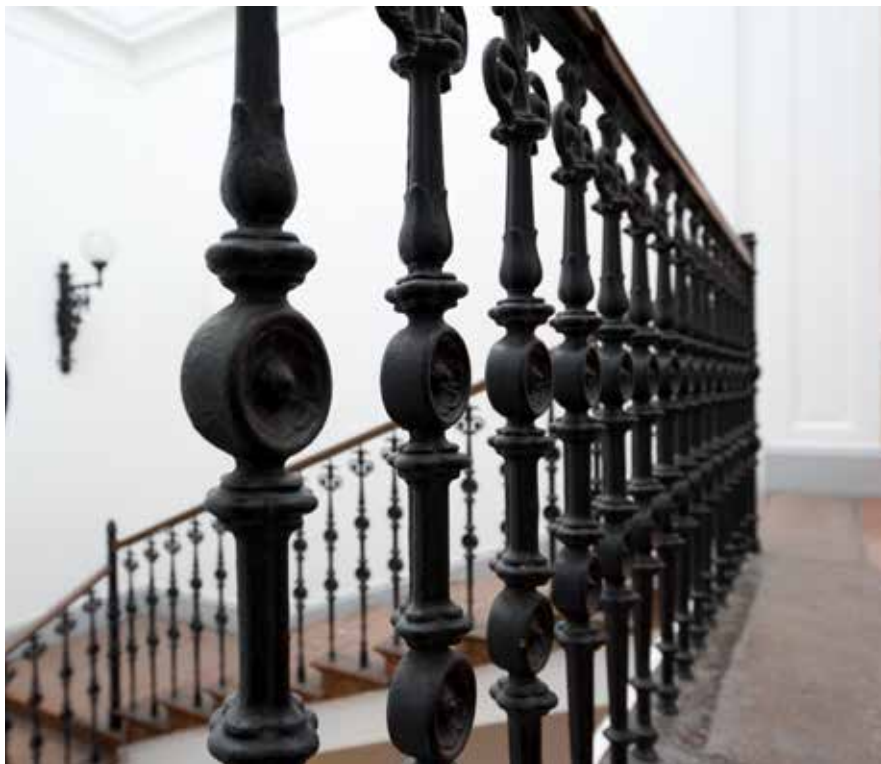
Sponsor Strategy Update: EBSCO

Thursday 6 July, 12:00–12:30

Chair: Dóra Gaálné Kalydy, *Library and Information Centre of the Hungarian Academy of Sciences, Hungary*

Presenter: *Marina Milovanovic, Vice President of Sales, Central & Eastern Europe, Central Asia & Caucasus Region | EBSCO Information Services*

EBSCO: A Focus on "Open"

ABSTRACT

Much of EBSCO's work over the last few years has focused on 'breaking down barriers.' With FOLIO, we believe that libraries now face fewer obstacles and have more choice when implementing their library system as well as meeting current and future requirements. We have also been focused on improving how library users access, search, choose and use information on our platforms

Join this session to learn how about how EBSCO supports open from research discovery to resource management.

BIO

Marina Milovanovic has been working for the EBSCO Information Services Sales team for the past 23 years. Marina has worked in B2B sales management positions focused on education, government, health and corporate solutions across content and technology services.

Marina is the Vice President of Sales for Central, Eastern, Southeast Europe, Turkey and CIS markets and is responsible for a team supporting 30 countries in her territory. Before EBSCO, she worked as a Regional Sales Manager for Xerox in the Balkan region and had 10 years of working experience in independent

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Serbian media (TV and radio Presenter, TV show Editor/Presenter and radio morning Programme Editor/Presenter in charge). Marina has a Master's Degree in Political Science and Journalism (Belgrade University, Serbia), graduated from Bled Management School in Slovenia and successfully completed Master Degree Validation at Charles University in Prague. Marina grew up in Serbia but lived in the UK for few years and in the Czech Republic for over two decades.

Panel Discussion – SCOSS

Thursday 6 July, 13:30–14:30

Chair: Martin Borchert, *Global Sustainability Coalition for Open Science Services (SCOSS) and University of New South Wales, Australia*

Open Science infrastructures speak about sustainability challenges

Abstract

Many Open Science infrastructures were initially developed using one-off project funds. Since inception, usage has often grown exponentially, and researchers across the globe have come to depend on them. What options do these infrastructures have when the projects funds run out and when infrastructure ages and needs replacing? What happens when demand exceeds the capacity of infrastructure to meet the needs of researchers? How do infrastructures handle the need for new governance and growing staffing structures to provide oversight, undertake development and provide services? What does it really mean to build sustainable infrastructure?

In this panel session, three leaders of important international Open Science infrastructures from the SCOSS family (Global Sustainability Coalition for Open Science Services) reflect on their mission, experiences and challenges with operating and sustaining their services. Each will tell their story about establishing, sustaining and scaling their business, finances and infrastructure to provide no cost and open access to data and services which meet the emerging and continuing needs of a geographically dispersed and research discipline diverse researchers. Each infrastructure will reflect on how they apply sustainability principles of the Principles of Open Scholarly Infrastructure[1] – manage time limited project funds; generate a surplus beyond operating costs; develop a contingency fund; develop mission critical revenue; and be based on service provision and not data availability. Each organisation will comment on the role of researchers, research organisations and their libraries and governments in building and maintaining sustainable open infrastructures.

Questions will be taken from the audience and the panel chair will moderate a lively discussion. In summary, whilst gaining a better understanding of what it takes to maintain an open infrastructure, audience members are

asked to consider how best to fund the Open Science infrastructures they use (whether directly or via collaborations such as SCOSS), and take this back to their institution or government for consideration.

[1] Bilder G, Lin J, Neylon C (2020), The Principles of Open Scholarly Infrastructure, retrieved [date], https://doi.org/10.24343/C34W2H

Panellists:

- Martin Borchert, *Global Sustainability Coalition for Open Science Services (SCOSS) and University of New South Wales, Australia*
- Urooj Nizami, *Public Knowledge Project, United Kingdom*
- Niels Stern, *OAPEN and DOAB*
- Sarah Lippincott, *Dryad*

Bios

Martin Borchert has been the inaugural Chair of the Board of the Global Sustainability Coalition for Open Science Services (SCOSS), and Council of Australian University Librarians (CAUL) representative, since 2018 and has worked with SPARC Europe, the SCOSS Board, and the SCOSS Infrastructure Family to develop and deliver the SCOSS programme and benefits. Martin is also the University Librarian at the University of New South Wales (UNSW Sydney). He was the Chair of Open Access Australasia from 2018 to 2021.

Urooj Nizami, as Community Engagement and Outreach Librarian at the Public Knowledge Project (PKP), is responsible for building and maintaining relationships with PKP's diverse international community and partners. She also coordinates PKP's community outreach and education programmes. Urooj is a trained librarian with a master's degree from McGill University's School of Information Studies and holds a Master of Arts in Religion from Temple University.

Niels Stern is director of OAPEN and co-director of DOAB – two not-for-profit infrastructures dedicated to open access academic books. He began his career in scholarly book publishing in 2003. Since 2014 Niels Stern has also acted as independent expert for the European Commission on Open Science and e-infrastructures. Leaving publishing for a few years, he joined the Royal Danish Library in 2017 as head of licensing for five universities and chief negotiator for the national licence consortium in Denmark until joining OAPEN as director in 2021.

Sarah Lippincott is a librarian and library consultant with a decade of experience supporting open access, digital scholarship, and scholarly communications through strategic planning, research, service design, facilitation, and communications work. As Head of Community Engagement at Dryad, Sarah works with institutions, funders, and researchers to increase awareness of and engagement with data sharing and data reuse. Sarah started her career as the founding Programme Director for the Library Publishing Coalition and went on to coordinate assessment, user experience, and strategic planning activities for a major research library; led strategic consulting services for a digital services agency specialising in open source web development for the cultural heritage sector; and consulted on projects for the Educopia Institute, the Next Generation Library Publishing project (NGLP), Candid, the Preservation of Electronic Government Information (PEGI) Project, the Association of Research Libraries (ARL), and Invest in Open Infrastructure (IOI).

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Panel Discussion – EOSC Future

Thursday 6 July, 15:00–16:00

Chair: Najla Rettberg, *Research Data Alliance AISBL*

Libraries: The Oil in the Engine of EOSC - How EOSC Future Technical Components Can Fit Your Library's Workflow

ABSTRACT

This session explores the engagement of libraries in EOSC and what that means in practical terms.

The panellists will present different viewpoints from their experience in practically engaging their libraries in EOSC, including EOSC Future services. The vision of EOSC and some future directions will also be presented, but primarily the discussion will focus on the first steps needed to get started. The results of an EOSC Future libraries focus group will be presented, and the audience will leave with a better knowledge of where to start and what is expected in order to onboard resources to EOSC.

Panellists:
- Pedro Principe, *University of Minho Documentation and Libraries Services, Portugal*
- Shanmugasundaram Venkataraman, *OpenAIRE*
- Sarah Jones, *EOSC, GÉANT*
- Najla Rettberg, *Research Data Alliance AISBL*
- Edit Görögh, *University Library of Debrecen, Hungary*
- Magdalena Szuflita-Żurawska, *Gdansk University of Technology Library, Poland*

BIOS

Pedro Príncipe (male) is Head of Division at University of Minho Documentation and Libraries Services. He coordinates the Scientific Information Management, Repositories and Open Science Office, with participation in European projects such as OpenAIRE-Nexus, EOSC-Future, PATTERN, PATHOS, OpenAIRE Advance, FIT4RRI, FAIRsFAIR, FOSTERPlus and RCAAP projects. In OpenAIRE infrastructure he is working as support officer and product manager of the Providers Dashboard. He is a member of the National Executive Council of the Portuguese Association of Librarians,

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Archivists and documentalists (BAD) and in BAD is also Coordinator of the Academic Libraries Working Group since 2014. He was a member of the EOSC FAIR Working Group (2019-2020) and is the chair of the Portuguese RDM Forum.

Venkat is the Training Officer at OpenAIRE. He is a passionate advocate for good RDM, open research and the FAIR principles, and previous roles included lead trainer at the Digital Curation Centre, and working in the field of developmental biology where he was also involved in a biological repository that collected image data.

Sarah Jones is EOSC Engagement Manager at GÉANT, where she works with NRENs on supporting Open Science. She is an information professional with over a decade working in research data services in the higher education sector. At the Digital Curation Centre she led the DMPonline service and worked on consultancy and training. Sarah was rapporteur on the European Commission's FAIR Data Expert Group and independent expert on the EOSC Executive Board, chairing the FAIR Working Group. She now sits on the EOSC Association Board of Directors.

Najla Rettberg is based at the RDA Association in Europe. She has a background in Librarianship and Information management and in Arabic studies, and has been actively part of Open Science developments since the early 2000s. She previously held posts at the University of Edinburgh Library, and the University of Göttingen Library as Scientific Manager. For the past 15 years she has worked as a project manager on a number of EC-funded projects, and has gained in-depth knowledge of the practicalities of Open Science implementation. She is currently working on EOSC Future managing the large RDA Open Calls programme and RDA TIGER where she is rolling out support for the RDA Working Groups.

Edit Görögh (f) is currently working as the Head of References at the University Library of Debrecen in Hungary. She has been involved in international projects, such as DALICO, RDA Adoption, Visegrad Fund. Her Open Science project portfolio also included a position as a project officer at the University of Göttingen in Germany for OpenUp, an EU funded project which aimed at developing a cohesive framework for new methods, indicators and tools for peer review, dissemination of research results, and impact measurement. She has been contributing to knowledge management and open access related programmes for more than 15 years. Her Open Science advocacy work is enhanced by her PhD degree in communication from the University of Colorado at Boulder and her humanities background from the University of Debrecen.

Magdalena Szuflita-Żurawska is Head of the Scientific and Technical Information Services and Open Science Competence Center at the Gdansk University of Technology Library, and Open Research Data Manager (Bridge of Data repository). Her main areas of research and interests include Open Access, Open Research Data, scholarly communication, and research productivity. Previously, she served as Library Assistant in Health Sciences Library at University College Dublin, Ireland. She earned her Master of Science in Digital Library Management from Boras University, Sweden. Magda has participated in numerous conferences and workshops, both national and international. She is a member of working groups related to Research Data Management, such as the EOSC Data Stewardship and Curricula Task Force or RDA Engaging Researchers in Data IG. She is an expert for Polish universities in Data Management Plans and Open Science. Team member and co-investigator in several scientific and infrastructural projects. She is a PhD Candidate in Management.

Full profile – https://mostwiedzy.pl/en/magdalena-szuflita-zurawska,744579-1

Parallel Session 9 – Facing Forward: new users services

Chair: Martin Moyle, *University College London, United Kingdom*

9.1: The post-pandemic desk service at university libraries – towards a hybrid future?

Authors: *Astrid Kilvik and Liv Inger Lamøy, The University Library of the Norwegian University of Science and Technology (NTNU), Norway*

ABSTRACT

When the corona pandemic started, the NTNU University Library established a digital library desk on Zoom. We have run this service for over two years, and it has become a permanent part of the library infrastructure. To explore different aspects of this new digital way of meeting the user, we have started the SkjermTREFF project (SkjermTREFF means "screen meeting"). The project lasts two years (2021-2023) and is partly financially supported by the National Library of Norway. The aim is to examine the digital meeting to find out more about which user groups visit the virtual library desk, how they experience the meeting and why a digital channel is chosen instead of physical attendance at the library desk. Data has been collected through different types of individual interviews and statistics. In addition, we have investigated the experiences of library staff with the virtual library desk by conducting focus group interviews.

Our project has given us a better understanding of the personal digital meeting with the user in a university library. Some users seem to appreciate having the librarian's undivided attention and what they experience as an absence of distractions in the digital meeting, in contrast to the physical environment where such distractions occur. On the other hand, others think that digital meetings can be impersonal and robotic. The choice between physical or digital meetings seems to depend on the situation and the users personal preferences.

However, the data material has given insights into how a new service may change the library desk infrastructure. It seems that a negotiation between physical and digital desk service is taking place, for instance, regarding balancing resources and costs and different values and ideological points of view. At the conference we will present some key results to illustrate these

insights. Hopefully, this can be the start of a discussion on how the personal meeting at the library desk is changing and becoming a part of the ongoing digitalization - are we moving towards a hybrid library desk service?

Presenters: *Astrid Kilvik and Liv Inger Lamøy*

Bios

Both authors work as research librarians and project managers of several large projects at the University Library of the Norwegian University of Science and Technology (NTNU UB).

9.2: #vBIB – An open virtual event format from the community for the community

Authors: *Stefan Bielesch and Matti Stöhr, TIB – Leibniz Information Centre for Science and Technology, Germany*

Abstract

Initial situation 2020
The COVID-19 pandemic not only had a dramatic impact on private and social life worldwide, it also crossed plans, processes and habits on a working level in many ways.

Due to the pandemic, the Bibliothekartag (Librarians' Day) – a major event held annually since 1900 with several thousand library members from Germany and abroad – had to be cancelled. At that time, the library community expressed the wish to find a virtual opportunity to meet and exchange ideas nevertheless. The professional association Berufsverband Information Bibliothek (BIB) and TIB – Leibniz Information Centre for Science and Technology and University Library (TIB) joined forces and initiated an experimental and deliberately purely virtual event with a pragmatic trial and error approach over three days in just six weeks in spring 2020 under the name #vBIB. Since then, the profile of the event has been sharpened and the #vBIB has been successfully continued, so that in the meantime one can speak of a series of events.

Since then, the #vBIB has been held annually and will take place for the fourth time in 2023.

What exactly is the #vBIB?
Until the outbreak of the Corona pandemic in 2020, there was a lack of virtual event formats in the German library context. The #vBIB reacted to this and since then has offered a platform for the library and information community, where current topics, developments and trends around the digitality of the library and information sector can and should be taken up and discussed openly and controversially.

Participation is free of charge and registration is not required. Access is deliberately kept low-threshold through the use of common video communication tools.

The concept of the programme is agile, innovative, experimental and sustainable and can thus react to dynamic developments at short notice.

It is oriented towards a maximum degree of participation, interactivity and diversity, and half of the programme is made up of various contributions from the community that are grouped together in thematic sessions (so-called corners) and generated by a call for participation. The other half consists of keynote speeches by representatives of mainly other professions, social life, business and politics. In this way, external impulses find their way into the library and information bubble and an inter-societal exchange is made possible. Through this knowledge transfer, the #vBIB – with its latest 500 participants – makes a contribution to a knowledge-based democratic society.

Almost without exception, the contributions are recorded and made available long-term on the TIB AV-Portal – a non-commercial, freely accessible online platform of the TIB for scientific videos.

Presenters: *Matti Stöhr*

Bio

Matti Stöhr has been working at the TIB – Leibniz Information Centre for Science and Technology since May 2020, with a focus on science communication, especially as Community Manager for the TIB AVPortal. After completing his Magister degree in Library Science and Modern / Contemporary History at the Humboldt Universität zu Berlin, he previously worked for many years in various positions at the Sächsische Landesbibliothek – Staats- und Universitätsbibliothek Dresden - SLUB (2016-2020) and the Berlin-Brandenburg Academy of Sciences and Humanities - BBAW (2011-2015). He was involved in the maintenance and development of services and organisational structures around the support of the entire research cycle. Matti Stöhr had volunteered for years in co-editing / working in the context of the open access eJournal "LIBREAS. Library Ideas" and its supporting association.

TIB VIVO profile: https://vivo.tib.eu/fis/display/n0000-0002-2874-4832
ORCID: https://orcid.org/0000-0002-2874-4832

9.3: Designing a database for a classical theatrical chatbot

Authors:

Anna Pappa and Samuel Szoniecky, University Paris 8, France
Rocio Berenguer, Pulso
Joël Huthwohl, Cécile Quach and Arnaud Laborderie, The National Library of France, France

ABSTRACT

The LITTE_BOT project aims to create a theatrical chatbot embodying Dom Juan for Molière's 400th anniversary, presented for the exhibition „Molière, le jeu du vrai et du faux" that the BnF and the Comédie Française devoted to him in 2022. Initiator of the project, Rocio Berenguer, a playwright, approached the French National Library (BnF) to recover the corpus for a literary chatbot. The Gallica Studio project (now closed) encouraged the reuse of Gallica's content, while experimenting with emerging technologies. In this case, exploring voice mediation through chatbots and explaining it to the public. Researchers Anna Pappa and Samuel Szoniecky (both at University Paris 8) contributed their scientific expertise to make the chatbot a reality, in the framework of a call for projects from the Artec university research school.

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We aimed to create an open chatbot embodying Molière's Dom Juan. The challenge was to create a database large enough to train the sequence-to-sequence language model. We had to build a database from scratch that would allow an artificial intelligence to imitate Molière's Dom Juan, to speak 17th century French, and to understand the present-day French spoken by its interlocutor.

The challenge for the BnF's Department of Performing Arts was to faithfully recreate Molière for the exhibition audience. Georges Forestier (Sorbonne University) advised the choice of Dom Juan as the ideal character for a chatbot. However, this combination of form and content had a consequence for the database: the play Dom Juan by Molière did not represent a large enough mass. It was therefore necessary to add the Dom Juans of two of Molière's contemporaries, Villiers and Dorimond, and the classical theatre.

The database for training the chatbot is not only the indispensable foundation, but also the most important part of this four-year project. Samuel Szoniecky worked on the semantic analysis of the Molière corpus already encoded in TEI as part of the OBVIL Molière project. The structure of the corpus was analysed (plays, acts, scenes, lines, sentences, keywords) to create items in

an Omeka S database corresponding to each of these structures and their relationships. Rocio Berenguer manually indexed the lines. LITTE_BOT combines two chatbots: an open chatbot based on the Seq2Seq model and a closed chatbot, with indexed lines. However, a few months before the launch, the database was still insufficient, and B12 worked pro bono on the public version of the chatbot using a pre-trained model, GPT-2, and our database.

The empowerment of the public guided certain methodological choices. The project encourages the reuse of Gallica's royalty-free content. The tools and results of the project are returned to the public domain whenever possible. The project is documented so that the exhibition audience can understand how the chatbot works.

The research chatbot continues to be experimented by Paris 8 and Paris Dauphine, with the versions Molière in prose, Molière in rhyme and Brecht. The chatbot created by B12 and hosted in the BOT°PHONE will be reincarnated for other events as other literary characters.

Presenter: *Anna Pappa*

Bio

Anna Pappa received her PHD in Computer Science and since 2006 has been an associate professor of computer science at University Paris 8 in France. Her research focuses on a set of questions related to artificial intelligence and computational linguistics: text analysers, corpus and dataset creation, evaluation and experimentation procedures on corpora, deep learning models for themes such as opinion analysis, automatic annotation (aspects), the construction of specialised lexicons and conversational agents. Her contributions to the field through her research cover different aspects of textual data: collection, analysis, understanding and dialog generation. Anna Pappa has also been involved in collaborative projects with other researchers and industry partners. One of them is the LITTE_BOT collaborative project around conversational agents, chatbots, interacting with characters from 17th century theater. It is a dramaturgy for interacting with the character of

Don Juan, as a part of the perspective of the 400th anniversary of Molière's birth in 2022. My work is about the construction and use of machine learning's dataset and methods, generating dialogues between the human and the machine. The bot gives the cue as if it embodied a character from Molière's theater. Some of the contributions of this work can been found in : "Generative Art Conference – GA2022", "Affects, Compagnons Artificiels et Interactions-ACAI, AFIA 2022", "TALN-RECITAL-ATALA 2022", "Futurs Fantastiques 2021".

Parallel Session 10 – A new paradigm: Open Access and the Diamond Model

Chair: Lluís Anglada, *Consortium of Catalan University Services, Spain*

10.1: Recalibrating the Scope of Scholarly Publishing

Authors:
Mark Huskisson, OPERAS and Public Knowledge Project, United Kingdom
Saurabh Khanna, Stanford University, United States

Abstract

Scholarly communication is more of a global endeavor than is commonly credited. By studying and reporting on journals that employ the open source publishing platform Open Journal Systems (OJS) from PKP, we look at the 8.7m articles published in 34,000 journals, about 80% of which were from the Global South.In addition, 84% of these journals followed the OA diamond model (charging neither reader nor author).

Importantly for developments in the EU and beyond, OJS is freely available, open source software that enables autonomous research publishing outside of the commercial publishing system. And, importantly, it encourages bibliodiversity in Scholarly Publishing with research published in over 60 languages in more than 146 countries – with over 50% publishing in more than one language. Supporting teh community that aligns with the 2019 Helsinki Initiative on Multilingualism to create diverse communicative spaces.

But these journals are largely invisible to as they are not represented in major bibliographic databases/indexes such as Web of Science and Scopus. It warns us that so much relevant scientific information in the global knowledgebase is unheeded if we only concentrate our systematic reviews in Scopus or WoS.

I suggest, from this data and research, that another world of scholarly communication – more broadly global, diverse, and inclusive – is already unfolding in ways that need now to be counted and studied for the benefit of all.

Building open infrastructure for Open Access is critical: enabling small, autonomous presses and journals to not only survive but thrive – on a truly global scale.

Presenters: *Mark Huskisso and Saurabh Khanna*

Bios

Mark Huskisson is the Publishing Specialist at the Public Knowledge Project and the co-chair of the Assembly of the Commons for OPERAS, the European Research Infrastructure. He has worked in a variety of roles beginning his career developing strategic library and ebook initiatives at Cambridge University Press, joining YBP (now EBSCO), before joining EBL (now ProQuest Books) as the VP for Publishers Relations. Working throughout the era of the transition from print to e, he has wrestled with and championed evolving business models (OA and Patron Driven Acquisition in particular) where the challenge of change has been a constant companion.

Saurabh Khanna is a PhD candidate in education policy and computer science at Stanford University, a Fellow at the Stanford Institute for Human-Centered Artificial Intelligence, and a Scholar at Stanford Data Science. Saurabh's research revolves around misinformation and quantifying 'incompleteness' in information searches on the Internet, as well as assessing the effects of consistently consuming incomplete information at scale on human behavior.

10.2: Back to the future: Modernizing European repositories for the era of Open Science

Authors:

Eloy Rodrigues, University of Minho Libraries, Portugal
Kathleen Shearer, COAR, Canada

Abstract

Open Science is ushering in a new paradigm for research; one in which all researchers have unprecedented access to the full corpus of research for analysis, text and data mining, and other novel research methods. A prerequisite for achieving this vision, in a sustainable, equitable and innovative way, is a strong and well-functioning network of repositories that provides human and machine access to the wide range of valuable research outputs. Repositories also support much needed bibliodiversity in the system as they collect a diverse range of content types, domains and languages, and are fundamental for achieving Europe's desired changes to research evaluation, whereby "assessment of research, researchers and research organisations recognises the diverse outputs, practices and activities that maximise the quality and impact of research".

With the exciting new functionalities being introduced through the COAR Notify Project - such as linking repository resources with peer review services - repositories are poised to take on an even more expansive role in the scholarly communications landscape, including being part of the diamond OA publishing ecosystem. Repositories, in particular, can play a key role in an innovative new model of publishing, referred to "Publish-Review-Curate", which requires that authors first post a preprint of their article in an open access repository in order to be considered for peer review and publishing.

Europe has one of the most well-developed networks globally with hundreds of repositories, many of which are hosted by libraries. Indeed, 20 years after their introduction as key open access infrastructures, institutional repositories have become a standard service offering for academic libraries in Europe, with the aim of making the research outputs created by their faculty widely available. However, there are significant variations across the European repository landscape with differing levels of support and funding; and, while some countries have strong national coordination, others do not. In a practical sense, this means that some repositories have access to the resources they need to provide a well-functioning service, while others find it a challenge to maintain up-to-date software platforms and suitable staffing levels.

In January 2023, OpenAIRE, LIBER, SPARC Europe, and COAR launched a joint strategy aimed at strengthening the European repository network. Through this strategy the organizations will work together - and with other relevant organisations - to develop and execute an action plan that will reinforce and enhance repositories in Europe, helping them to take on this new and expanded role in the ecosystem.

As a first step, a survey will be undertaken to gain a better understanding of the current repository landscape in Europe and identify priority areas of action. The survey will be disseminated in February 2023 with the aim of having the initial results available in May of 2023. This presentation will provide an overview of our future vision for repositories in Europe, present the results of the survey, and discuss next steps for how we can progress from the current position towards our future vision.

Presenter: *Eloy Rodrigues*

Bio

Eloy Rodrigues is the Director of the University of Minho Libraries . Eloy has been working on repositories, Open Access and Open Science for almost two decades, having established the University of Minho institutional repository in 2003, and coordinating the UMinho team which works on RCAAP (Portugal Open Access Science Repository) since 2008.

At an international level he has being working on several EU funded projects (like OpenAIRE and FOSTER) related with Open Access and Open Science and is a member of the European University Association Expert Group on Science 2.0/Open Science . Eloy was the Chair of the Executive Board of COAR, the Confederation of Open Access Repositories from 2015 to 2021, and in that role contributed actively to the Next Generation Repositories initiative, the Pubfair conceptual model and the ongoing Notify Project.

10.3: Open Access Diamond, a French perspective

Authors:

Jean-François Lutz, University of Lorraine, France
Pierre Mounier, OpenEdition, France
Irini Paltani-Sargologos, CNRS, France
Zoé Ancion, Agence Nationale de la Recherche (ANR), France

ABSTRACT

Open and Trusted: the Open Access (OA) Diamond model is well positioned to meet these two challenges, chosen as main theme for the LIBER 2023 conference.

The extensive study commissioned by cOAlition S and published in spring 2021 was a long-awaited landmark. It made it possible to map the landscape of Diamond journals worldwide and highlighted the challenges associated with this model in terms of quality standards, of networking ('building bridges between the islands of the Diamond archipelago') and of financial sustainability.

France has placed the OA Diamond model at the heart of its strategy to support scientific publishing as reflected in the Jussieu Call for bibliodiversity (2017) and in the two National Plans for Open Science (2018 and 2021). Thus, OA Diamond is considered in France as one of the main pillars of Open Science. This is also the meaning of a policy position paper to be published in spring 2023 and which will form the core of the proposed intervention.

This proposed intervention (in the form of a presentation) is made on behalf of the French Committee for Open Science. It aims to show how the French OA Diamond ecosystem has been built up over the last 20 years, highlighting the innovation dynamics (OpenEdition freemium, overlay journals, PCI, journal incubators, etc.) and how the challenges raised by the Diamond study are taken into account. The involvement of French actors in the EU-funded DIAMAS project coordinated by OpenEdition (Aix-Marseille University) will also be detailed.

Particular attention will be paid to the actors of this ecosystem and to their interactions: publishing houses, scientific communities, infrastructure and platform providers and libraries. For research libraries, the way in which OA Diamond allows both to promote an independent and inclusive approach to scientific publishing and to connect with scientific communities will be highlighted. The involvement of French libraries in Diamond publishing is

reflected in particular by a strong investment in journal incubators (Univ. Bordeaux, Lille, Lyon, Nice, etc.) gathered within a national network. Libraries are also involved in financing the transition of the economic model of traditional journals, either individually (Univ. Lorraine) or collectively in the framework of Subscribe to Open agreements (Couperin consortium).

The presentation will also discuss how French private publishers position themselves in relation to the issue of OA Diamond (between favourable reception, incomprehension and outright hostility) and how the Committee for Open Science responds to this.

Finally, the presentation will propose perspectives for the medium and long term on how to make this pillar of Open Science a sustainable infrastructure at a time when the budgets of higher education institutions are under severe constraints and the needs of journals and publishing houses are growing to develop in quality.

The presentation will be made in two voices, in order to underline the complementarity of the actors of the Diamond model: a librarian and a publisher.

Presenters: *Jean-François Lutz and Pierre Mounier*

Bios

Jean-François Lutz is in charge of the Research Support services within the Library of the University of Lorraine. He is particularly interested in the issues of open publishing and of the funding of Open Science initiatives. In relation to the first field, he is co-leader of the Open Scientific Edition expertise group within the French Open Science Committee. He is also a member of the open access expert group within Knowledge Exchange where he co-manages the Task & Finish group on Alternative publishing platforms. In relation to Open Science funding, Jean-Francois Lutz is a member of the Board of the French National Open Science Fund and of SCOSS. Recent publications: https://cv.hal.science/jflutz

Pierre Mounier is deputy director of OpenEdition, a comprehensive infrastructure based in France for open access publication and communication in the humanities and social sciences. OpenEdition offers several platforms for journals, scientific announcements, academic blogs, and, finally, books, in different languages and from different countries. Pierre is coordinator of the EU infrastructure OPERAS and of the EU-funded DIAMAS project. He teaches digital humanities at the EHESS in Paris and has published several books about the social and political impact of ICT, digital publishing and digital humanities.

Recent publications: https://orcid.org/0000-0003-0691-6063

Parallel Session 11 – Sustainable Infrastructures: challenges and innovative approaches

Chair: Sofie Wennström, *Stockholm University Library, Sweden*

11.1: It's Not All About the Money: The Challenges of the Austrian Datahub to Become a Sustainable Open Access Service

Authors:

Patrick Danowski, Insitute of Science and Technology Austria, Austria

Anna Hikl, University of Natural Resources and Life Sciences, Austria

Melanie Stummvoll and Ursula Ulrych, University of Vienna, Austria

ABSTRACT

Since 2017 the "Austrian Transition to Open Access" (AT2OA) project aims to support the large-scale transformation of scientific publications from Closed to Open Access, and to implement measures supporting this initiative. One key element of the second project phase is the establishment of a national hub for publication data that shall meet several requirements: to provide data for reliable OA monitoring, to support publisher negotiations and to generate added value by enriching the publication data made available.

For this purpose, the AT2OA² partner organizations - all Austrian Universities as well as two research institutions - will deliver the publication data from their institutional research information systems (CRIS) to the national data hub, using different supply methods, which vary from proprietary APIs, or OAI PMH to a simple upload via Excel file. This diverse approach allows us, to build a national community, involving libraries and other university services, with different levels of technical development status.

Subsequently to the institutional data import, the CRIS data will be enriched with additional information (e.g. APCs, license and embargo information). For the data enrichment, interfaces to various databases and platforms, such as OpenAPC, DOAJ,, Unpaywall, OpenAlex, SherpaRomeo etc. will be set up. A key feature of the data hub is a reproducible OA labeling of the publication data. To allow an automatic determination of the Open Access status, the

process is realized with the Open Access Classification Tuple (COAT), an in-house development of the first project phase. The results (e.g. the national OA shares) will be displayed via a web tool that is currently available as a beta version. The institutions will be able to reuse the enriched data and apply the appropriate reporting and export options of the hub.

We plan a community driven service that will be a sustainable one, running beyond the duration of the project. Therefore, we decided to take a more holistic view on sustainability and to develop a concept, which will take multiple aspects into account.

Beyond the costs for hosting, we need to address further challenges like:

- the code; its documentation and the knowledge transfer for further development;
- the sustainability of the used open services we rely on;
- the sustainability of our new services (e.g. the standardization of publishers);
- the individual responsibilities of the project partners - even after the end of the project

We're convinced that the gain of value for the participating institutions, like the data enrichment, or the usability of the generated data for required internal and external reports, will contribute to ensure the sustainability of the service. Embedding our service into a collaborative community, will enable us as well, to transform it into a fixed component of the Austrian academic landscape.

During our lecture, we plan to highlight these challenges in sustainability. Based on the experiences we've made during the implementation process of our relatively small Open Access infrastructure, we'll share our findings, which will hopefully serve as an inspiration for others, being faced with similar problems.

Presenter: *Patrick Danowski*

Bio

Patrick Danowski is the manager of Institute of Science and Technology Austria (ISTA) Library. He is also currently active in IFLA as member of the professional committee before he was for 4 years chair of the science and Technology Library Section. He has a degree in computer science and library and information science. Earlier he worked at CERN as Emerging Technologies Librarian and in the Berlin state library and the Zentral- und Landesbibliothek Berlin (ZLB). His fields of interest are library management, Research Data, Open Access, and new technologies

11.2: Collection and corpus: the case of the REAL repository

Authors:

András Holl, Library and Information Centre of the Hungarian Academy of Sciences, Hungary

Gábor Prószéky and Tamás Váradi, Hungarian Research Centre for Linguistics, Hungary

ABSTRACT

REAL is the repository of the Hungarian Academy of Sciences operated by the Library of the Academy. It is the largest Open Access true repository (in Open Archives Initiative sense) of Hungary, consisting mainly of scholarly literature written by Hungarian researchers or published in Hungary. (Other collections of the repository containing digitized manuscripts, old books and images are not discussed in this contribution.)

In a project recently launched in the Programme of the Academy entitled „Sciences for the Hungarian Language" first, a thematic language corpus will be compiled from the modern Hungarian language textual data collection within the REAL repository. The corpus, estimated to number at least a thousand million words, will be used for refining the AI language models (developed at the Hungarian Research Centre for Linguistics). The AI language models trained on the text corpus of the REAL repository will be leveraged to recognize and annotate standard elements typically found in scientific communications (title, authors, affiliation, keyword, abstract, acknowledgement, and bibliographic references) as well as named entities classified into standard categories (person, location, institution, etc.). Furthermore, an attempt will be made to classify the content of the documents into broad categories (topic modeling) as well. The results will be used for enriching and correcting the data and metadata in REAL, as well as expanding the content of the national CRIS system, the MTMT.

We will discuss the issues of corpus building from a digital library collection, and the benefits expected from the repository perspective, and some possible connections with the Online Public Access Catalog of the library. Questions on the accessibility and the possibility of mining the text layer of the repository documents are also mentioned, together with the assessment of the data and metadata quality. The software used in processing the digital documents for ingestion to the corpus will be open source.

The research project is expected to finish in 2026.

Presenter: *András Holl*

Bio

András Holl has an MSc of Astronomy and Geophysics. He is Deputy director (responsible for informatics) of the Library and Information Centre of the Hungarian Academy of Sciences. He is an Open Science advocate and technician, with experience with enhanced journals, repositories, PIDs and research data. Responsible for the Hungarian Science Bibliography, and chairs the Hungarian National Node of RDA. Member of the EOSC Long-Term Data Preservation Task Force. ORCID: 0000-0002-6873-3425

11.3: It takes a community: a participatory approach to sustaining an open infrastructure

Authors:

Peter Kraker and Lauren Kondratiev, Open Knowledge Maps, Austria

Chris Schubert and Oliver Lehner, TU Vienna University Library, Austria

Lars Kaczmirek and Franziska Krauss, University of Vienna, Austria

ABSTRACT

For many years, the market for academic discovery has been dominated by a few proprietary systems. In the shadows of these giants, however, an alternative discovery infrastructure has been created, built on thousands of public and private archives, repositories and aggregators, and championed by libraries, non-profit organisations and open-source software developers. Unlike the commercial players, these systems make their (meta-)data openly available. As a result, the open infrastructure has become the strongest driver of innovation in discovery, enabling the quick development of a variety of discovery tools. Technologies such as semantic search, recommendation systems and visualisations are increasingly available to researchers, libraries and repositories alike.

The question then arises: how to sustain an infrastructure that is giving everything away for free?

In this contribution, we present the participatory approach of Open Knowledge Maps as an answer to this question. Open Knowledge Maps (https://openknowledgemaps.org) is a visual discovery infrastructure. All of the services offered by the non-profit organisation are for free, which includes its search and discovery services, its training activities, and its community support and engagement programmes. In addition, data, source code, and content are distributed under an open licence, including extensive training materials.

Funding for Open Knowledge Maps is provided by projects and increasingly by supporting members. Supporting members are an integral part of the organisation: they become part of the governance and are directly involved in decision-making processes around the technical roadmap. With this governance system, the infrastructure enables co-creation, as it relinquishes

control of the technical roadmap in order to achieve an equitable balancing of stakeholder needs.

One of the main outcomes of this participatory approach is a line of institutional services, the so-called Custom Services. With the Custom Services, institutions can expand their discovery offerings with visual search components from Open Knowledge Maps. At the University of Vienna for example, Open Knowledge Maps was integrated into the data archive of AUSSDA - The Austrian Social Science Data Archive as part of a pilot project (https://aussda.at/en/about-aussda/projects/open-knowledge-maps/). The integration shows that the visual representation can also be used for research data. It gives an overview of the diverse topics in the AUSSDA Dataverse and offers simple and intuitive interaction options for zooming in and navigating to individual studies.

At the TU Wien Bibliothek, Open Knowledge Maps was integrated into the library catalogue "Catalog PLUS" (https://catalogplus.tuwien.at/) as an advanced search option. Users can send their PRIMO query to Open Knowledge Maps as an external resource. Two visualisation types were integrated: „knowledge map", a clustering according to similar terms, and „streamgraph", which gives an overview of the development of topics over time.

In conclusion, this approach can create a win-win-win scenario for researchers, libraries, and the open infrastructure itself. However, a major challenge remains: to overcome the initial phase of attracting enough supporting members to provide basic funding for the maintenance and further development of the infrastructure. We will conclude our presentation with several approaches to address this challenge.

Presenter: *Peter Kraker and Chris Schubert*

Bios

Dr. Peter Kraker is the founder and chairman of Open Knowledge Maps, a charitable non-profit dedicated to dramatically improving the visibility of scientific knowledge for science and society alike. Peter is a member of the Executive Board of GO FAIR, Chair of the GO FAIR implementation network „Discovery" and an expert in the EOSC Task Force on „Financial Sustainability"

Chris Schubert, Head of Media Management and Library IT at TU Wien Bibliothek, works with technologies on semantic interoperability and vocabulary management. In the past, he worked at the European Commission, JRC. In 2015, he started to set up a data centre for Austrian climate research. His activity in the EOSC task forces „FAIR Metrics & Data Quality" and „Semantic Interoperability" underline the capacity for knowledge transfer

Parallel Session 12 – FAIR and Open:
from theory to practice

Chair: Pedro Principe, *University of Minho, Portugal*

12.1: The role of research libraries in the consolidation the PID landscape

Authors:

Pablo de Castro, University of Strathclyde, United Kingdom
Ulrich Herb, Saarland University, Germany
Laura Rothfritz, Humboldt University Berlin, Germany
Joachim Schöpfel, University of Lille, France

ABSTRACT

In the autumn of 2021 the Knowledge Exchange (KE) commissioned a study on the current persistent identifier (PID) landscape with an emphasis on the risks and trust-related issues posed by its rapidly evolving character [1]. The KE is a collaboration network between the national research information management offices of six European countries (SURF in the Netherlands, Jisc in the United Kingdom, the German Research Foundation DFG, the Finnish CSC, DeiC in Denmark and the CNRS in France) all of which feature advanced PID implementation strategies. The outcomes of this project were released in Feb 2022 [2] and include an overarching report „Building the plane as we fly it: the promise of PIDs" and seven case studies examining the current status of the PID landscape for various types of PIDs – such as author IDs, OrgIDs, Crossref DOI-based grant IDs, PIDs for research instrument and facilities and International Generic Sample Numbers (IGSNs).

The consultants behind this work – the four co-authors of this contribution – are also active as scholarly communications experts at their institutions. They subsequently included in their final report a specific reference to research-performing organisations (RPOs) and their libraries in the recommendations for a trustworthy development of the PID landscape going forward. The role of libraries for an orderly consolidation of PID adoption is perceived to be very significant. Libraries are often the main contact points for research support, which puts them at the core of any PID-related dissemination effort towards researchers. They also tend to play a key role in the content management workflows for institutional systems such as repositories and CRISs, where research funders are increasingly requiring PIDs to be included [3]. Finally,

research libraries are typically best placed to push for an institutional PID policy [4] and even to pilot the early implementation of emerging PIDs such as organisational IDs (RORs), Crossref DOI-based grant IDs issued by research funders or Research Activity IDs (RAiDs).

This contribution summarises the findings of the PID study conducted for the KE – which was based on a wide number of in-depth interviews with experts in the domain from various countries, organisations and roles/stakeholders. A special emphasis is made on what research libraries should be aware of and what role(s) they can play in an area in which they are often already represented via ORCID consortia or other collaborative networks. Some early best practices are discussed as well as a number of challenges posed by the highly fragmented current PID landscape in terms of actors, competing technical solutions and frequent lack of awareness of PID-related initiatives going on in parallel.

Presenter: *Pablo de Castro*

Bio

Pablo de Castro works as Open Access Advocacy Librarian at the University of Strathclyde in Glasgow. He is a physicist and an expert in Open Access and research information workflows and management systems, areas he explored a few years ago as coordinator for the OpenAIRE2020 Gold Open Access Pilot at LIBER, the Association of European Research Libraries based in The Hague. Pablo also serves as Secretary for the euroCRIS association to promote collaboration across the research information management community. In his spare time Pablo occasionally works as a consultant with his scidecode colleagues on topics related to OA and research information management such as persistent identifiers or OA publishing.

12.2: FAIR at the National Library of Finland – from abstract ideas to business as usual

Authors: *Liisa Näpärä, Riitta Koikkalainen, Katri Riiheläinen and Tuula Pääkkönen, National library of Finland, Finland*

Abstract

This presentation provides insights into recent FAIR processes at the National Library of Finland (NLF). As known, these principles – findable, accessible, interoperable, and reusable – were created for sharing research data. The rationale was to improve machine-actionability to diminish the need for human intervention in the functionalities of information systems. Since then, the understanding of FAIR has broadened, FAIR should be intertwined to all the services and systems in which data is operated. Following this line of thought, the strategy of the NLF for 2021–2030 emphasizes: "the data produced by the National Library will be managed in accordance with the FAIR principles and users instructed in the responsible use of data". The overall aim in NLF is to interpret a more comprehensive picture of FAIR to support Open Science.

The first step from general discussion towards implementing the principles into daily work was taken during 2021. All 16 units of NLF were interviewed (considering about 170 people) to find out how familiar each FAIR principle was, and how they were understood in each team. As somewhat expected, different understandings were found in these semi-structured group interviews. The most significant variation depended on how directly the team was involved in digital materials and data: the more straightforward the relation was, the more familiar the principles were, and the more nuanced views were outspoken – critical ones included. All in all, the high dependencies between units and dataflows within the library were mentioned as hindrances to the full promotion of the FAIR principles. Based on the analysis from the interviews and other practicalities, four pilot units were selected for the second phase to implement the principles further. They were asked to pay attention to the realization of the principles in their workflows, register any issues manifesting, and document the resolutions or proposals for resolutions.

The pilot units performed as instructed and as follow-ups, they organized two workshops during 2022. The first one focused on the prospects of FAIR principles in everyday work, the recent achievements, the guidance still needed, and the direction of the guidance. In the second workshop, the teams presented reflections from cases they had been working on. These covered topics such as metadata, technical development, and users.

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The FAIR work at NLF has already revealed the importance of the FAIR principles for various data and systems. To make FAIR business as usual in NLF, open and intense cooperation between teams is still needed. Equally important is to be aware of how and where other resources should be allocated. The implementation of FAIR continues during 2023 to define how to use FAIR as a checklist for projects both in-house as well as other agents of the field. In this presentation, we will talk about our approach, discuss lessons learned, and make suggestions on how other libraries could approach this type of comprehensive implementation of FAIR.

Presenters: *Liisa Näpärä and Riitta Koikkalainen*

Bios

Liisa Näpärä works as an information specialist at the National Library of Finland. She coordinates research collaboration and participates in discussion on how cultural heritage data turns into research data. Näpärä has a PhD in cultural studies, and she is interested in how humans live in a digital society and talk about it.

Riitta Koikkalainen, information specialist, editor-in-chief of Tietolinja, science editor, advocate for open research. Coordinator of the Kotoistus, service in-between internationalisation and localisation. Member of the board of Finnish Association for Scholarly Publishing, and a member of editorial board of philosophical magazine niin & näin. From the very beginning of her life in academia she has had a strong interest on the sociology of knowledge. There are no meanings outside social interaction, at least such that could be (re)presented purely as such. And this makes the world a very interesting place. Twitter @Riitta_AK, Mastodon @RiittaK@mastodon.social

12.3: Open Science certification: turning Ph.D. students into Open Science ambassadors in research laboratories

Authors: *Margaux Larre-Perez, Elise Breton and Pierre Poulain, Université Paris Cité, France*

ABSTRACT

While training young scientists on Open Science principles is undoubtedly a crucial role of research libraries today, we believe that providing graduate students with the skills to foster Open Science practices themselves will be a key element of Open Science dissemination in research laboratories. With this aim in mind, we launched in 2021 the Open Science Certification within the Libraries of University Paris Cité. The Open Science Certification is a unique programme in France aimed at coupling theoretical knowledge of Open Science tenants with practical, community-led training sessions for Ph.D. students of all disciplines (https://u-paris.fr/bibliotheques/certification-science-ouverte/). The Open Science Certification is offered in French and English for international Ph.D. students. The Certification first requires students to follow a mandatory training path through the available Open Science training cycle offered to all Université Paris Cité Ph.D. students. Moreover, they simultaneously take part in several dissemination-oriented activities along the academic year. In particular, a monthly interdisciplinary Journal Club on current topics in Open Science is led by students themselves (and moderated by a research librarian) to enable exchanges between students from a large variety of disciplines and backgrounds. In addition, the Certification students follow a specific training on developing an Open Science news aggregator, with the requirement of building their own tool to complete the training. Finally, the Certification students give a presentation showcasing an application of Open Science principles to their Ph.D. research project. The presentations are evaluated by a jury of research librarians and university professors whose goal is to offer guidance for the completion of the project. The Open Science certification is currently in its second year and gaining momentum, with around twenty Ph.D students enrolled in 2022-2023 and a dozen of graduates from 2021-2022. We will discuss how the wide range of disciplines represented within the Certification students stimulates a constant improvement of the programme covered within the Certification every year; it also makes each promotion unique in its perspective and application of Open Science principles as students actively participate in an interdisciplinary definition of the Certification content. We will also offer perspectives on the evolution of the Certification format and how it positions itself within the current Open Science training offer in France and Europe.

Presenter: *Margaux Larre-Perez*

Bio

Margaux Larre-Perez is a doctor in cognitive psychology and the Open Science trainer at the Université Paris Cité Libraries.
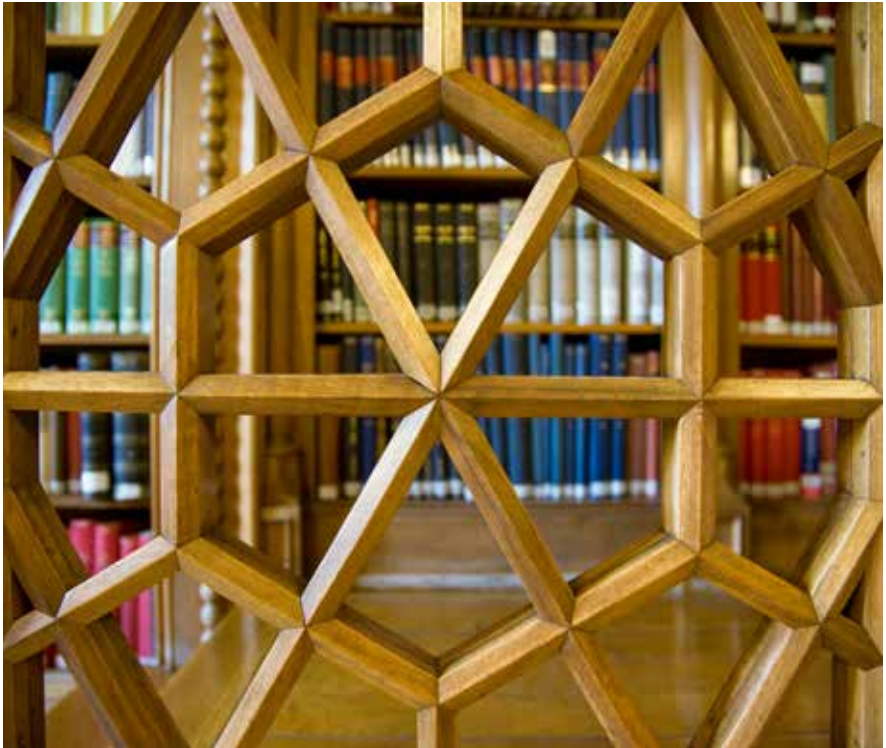
Keynote Speaker – Lex Bouter

Friday 7 July, 11:00–11:45

CEU Auditorium

Chair: Birgit Schmidt, Goettingen University, Germany

Speaker: Lex Bouter, Professor Emeritus, Amsterdam University Medical Centers & Vrije Universiteit Amsterdam, The Netherlands

Why research integrity matters and how it can be improved

Abstract

Scholars need to be able to trust each other, because otherwise they cannot collaborate and use each other's findings. Similarly trust is essential for research to be applied for individuals, society or the natural environment. The trustworthiness is threatened when researchers engage in questionable research practices or worse. By adopting Open Science practices, research becomes transparent and accountable. Only then it is possible to verify whether trust in research findings is justified. The magnitude of the issue is substantial with a prevalence of four percent for both fabrication and falsifica- tion, and more than 50% for questionable research practices. This implies that researchers regularly engage in behaviors that harm the validity and trustworthiness of their work. What is good for the quality and reliability of research is not always good for a scholarly career. Navigating this dilemma depends on how virtuous the researcher at issue is, but also on the local research climate and the perverse incentives in the way the research system functions. Research institutes, funding agencies and scholarly journals can do a lot to foster research integrity, first and foremost by improving the quality of peer review and reforming researcher assessment.

Bio

Lex Bouter is Professor Emeritus of Methodology and Integrity at the Department of Epidemiology and Data Science of the Amsterdam University Medical Centers and the Department of Philosophy of the Faculty of Humanities of the Vrije Universiteit. He is involved research and teaching on research integrity and Open Science topics. He was appointed as tenured Professor of Epidemiology in 1992 and served his university as its rector between 2006 and 2013. Professor Bouter has supervised 78 PhD students, of whom to date 17 were appointed as professor. He is the founding chair of the World Conferences on Research Integrity Foundation.

Personal page

Sponsor Strategy Update: OpenEdition

Friday 7 July, 12:00–12:30

Chair: Cécile Swiatek Cassafieres, *University Library of Paris Nanterre, France*

Presenter: *Simon Dumas-Primbault, CNRS junior professor at OpenEdition, associate researcher at BnF*

Understanding digital libraries as open spaces

Abstract

Building on an ongoing case study of how readers navigate the corpus of BnF Gallica and on a nascent project at OpenEdition, I will venture an understanding of digital libraries as open spaces at the crossroads of political spaces—with their governance resulting in choices and hierarchization of content—, mediatic spaces—made of interfaces framing their structure and use—, and experiential spaces—appropriated by readers in practice.

For example, the navigation of readers on Gallica is circumscribed within a large corpus of works in the public domain preserved for their patrimonial value, it is structured by a set of inherited taxonomies such as the cotation Clément or the Dewey Decimal Classification, and, finally, it is equipped with a single search engine and a dedicated online reader. As a consequence, actual reading practices hinge upon the articulation of these dimensions and the needs and habits of a great variety of audiences.

Paying attention to the readers informational practices as they are shaped by policies, interfaces, and uses, such a spatial understanding of digital libraries sheds light on how readers actively inhabit such spaces, depending on the values they embody. Eventually, this perspective hints at ways to go beyond the mere extractivism of search engines in order to foster discoverability.

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Bio

Simon Dumas-Primbault is a CNRS junior professor at OpenEdition and Aix-Marseille Université, and associate researcher at the Bibliothèque nationale de France. His research lies at the intersection of science and technology studies, ethnography, and media studies, and endeavours to shed light on the diversity of users and practices on Open Science platforms. More specifically, his current project is on the articulation between navigation practices and the discoverability of data across audiences.

INVITATION
TO THE LIBER 53RD ANNUAL CONFERENCE

LIMASSOL 2024

THE CITY

A city on the southern coast of Cyprus famous for its fascinating history, vibrant atmosphere and spontaneous hospitality. Visitors have the chance to experience various cultural, recreational and leisure activities and enjoy crystal clear waters. Fresh Mediterranean flavours can be enjoyed at numerous restaurants featuring both local and international cuisine.

Limassol is the second largest city of the island of Cyprus which is located in the eastern Mediterranean Sea. It is conveniently situated only 35 minutes away from both Larnaka and Pafos airports, as well as to the charming villages in the Troodos mountains and some of the nation's best wineries. The enthralling mix of historic buildings combined with modern architecture makes it a unique city in its own right.

THE VENUE

The LIBER Conference 2024 will be held in the beautiful city-centre campus of the Cyprus University of Technology.

The Cyprus University of Technology (CUT) was established in 2004 as one of the three public universities of the Republic of Cyprus. In its relatively short history, the University earned international recognition as one of the leading universities in the world amongst some of the most influential global academic rankings. The University is recognised as an internationally renowned university, which promotes excellence in education and research in cutting-edge fields, with a significant contribution to the scientific, technological, economic, social and cultural advancement of Cyprus.

THE HOST

The Library of Cyprus University of Technology opened in 2007 and is housed in the restored building of the Old Court of Limassol, built in 1911.

The Library's main mission is to serve and support the members of the academic community, enhancing the scientific research and the educational procedure. The Library actively offers access to noteworthy reliable information resources, carrying out Information Literacy courses

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and seminars as well as preserving and making accessible the University's research activity. In addition, the CUT library is the coordinator of the Cyprus Libraries Consortium. The Library has also significant experience with digitisation activities and digital library infrastructure and contributes to the local society through the sustainability, preservation and promotion of cultural heritage.

We are delighted to welcome you to the
2024 LIBER Annual Conference in Limassol!

LIBER Annual Conference Fund

At LIBER's Annual General Assembly in 2005, members decided that a small premium should be added to the Annual Conference registration fee in order to permit grants to be made to assist member libraries in selected European countries to send representatives to attend LIBER Annual Conferences. The LIBER Annual Conference Fund supports participants from specific European countries each year on the basis of need and taking into account the location of the Annual Conference. The countries are agreed by the LIBER Executive Board annually at its October meeting, and decisions on applications to the Fund are made by the Conference Programme Committee.

The countries selected by the Executive Board for 2023 were **Albania, Armenia, Azerbaijan, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, Georgia, Greece, Hungary, Latvia, Lithuania, Moldova, Montenegro, North Macedonia, Poland, Portugal, Romania, Serbia, Slovak Republic, Slovenia, Turkey, Ukraine.**

The Conference Programme Committee for the 52nd LIBER Annual Conference has decided to make awards from the LIBER Annual Conference Fund to the following applicants:

Tatijana Petrić	University of Zagreb, Croatia
Nicoleta-Roxana Dinu	National Library of Romania, Romania
Claudia Mărgărit	Institutional Development Department, National Library of Romania, Romania
Dolores Mumelaš	National and University Library in Zagreb, Croatia
Mariana Palashevska	St Clement of Ohrid National & University Library, North Macedonia
Lenka Votýpková	VSB – Technical University of Ostrava, Czech Republic
Katarina Perić	National Library of Serbia, Serbia
Svea Kaseorg	University of Tartu Library, Estonia
Vasilije Milnovic	University Library Belgrade, Serbia
Oksana Brui	National Technical University of Ukraine „Igor Sikorsky Kyiv Polytechnic Institute", Ukraine
Anna Wołodko	University of Warsaw Library, Poland

We warmly congratulate Fund recipients and look forward to meeting them at the Annual Conference in Budapest this summer!

LIBER Award for Library Innovation

The LIBER Award for Library Innovation was instituted by LIBER and is supported by OCLC.

'OCLC is a global library cooperative that provides shared technology services, original research and community programs for its membership and the library community at large. With thousands of library members in more than 100 countries, we come together as OCLC to make information more accessible and more useful.'

OCLC's commitment to knowledge, education and public service includes furthering the advancement of librarianship. OCLC does this not only through its research and advocacy efforts but also by financially supporting awards and scholarships. As an innovative cooperative we are proud to sponsor the LIBER Innovation Award for 2023.

The Innovation Award recognises the three abstracts which best describe innovative work within the overall theme of the Annual Conference 'Open and Trusted: Reassessing Research Library Values'.

The criteria (in order of importance) for the Award are:

- Level of innovation
- Impact on the wider library community (especially the European library community)
- Originality
- Quality of the abstract

The three abstracts which best fulfill these criteria are selected by the Conference Programme Committee. The Award comprises the opportunity to present the winning paper at the 2023 LIBER Annual Conference in Budapest, free Conference registration, and travel expenses and accommodation[1].

The Conference Programme Committee for the 52nd LIBER Annual Conference has decided to present the 2023 LIBER Award for Library Innovation to:

Opening up library collections for creative reuse
Martijn Kleppe, Rianne Koning, Jessica Wevers, Angelique de Meijer, Jeroen Vandommele and Ron Hol, KB National Library of The Netherlands, The Netherlands

Sharing Cultural Heritage Images as Data: Supporting Open Science through Interoperability
Beth Knazook and Joan Murphy, Digital Repository of Ireland, Ireland

Teaching Data Stewardship: Insights from the Certificate Course „Data Steward" of the University of Vienna
Tereza Kalová, Vienna University Library, Austria

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We congratulate the Award winners and look forward to presenting them with their Awards at the Annual Conference in Budapest this summer!

Giannis Tsakonas
Chair, LIBER Conference Programme Committee

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1   The value of each Award is €1,500, including the Conference registration fee.

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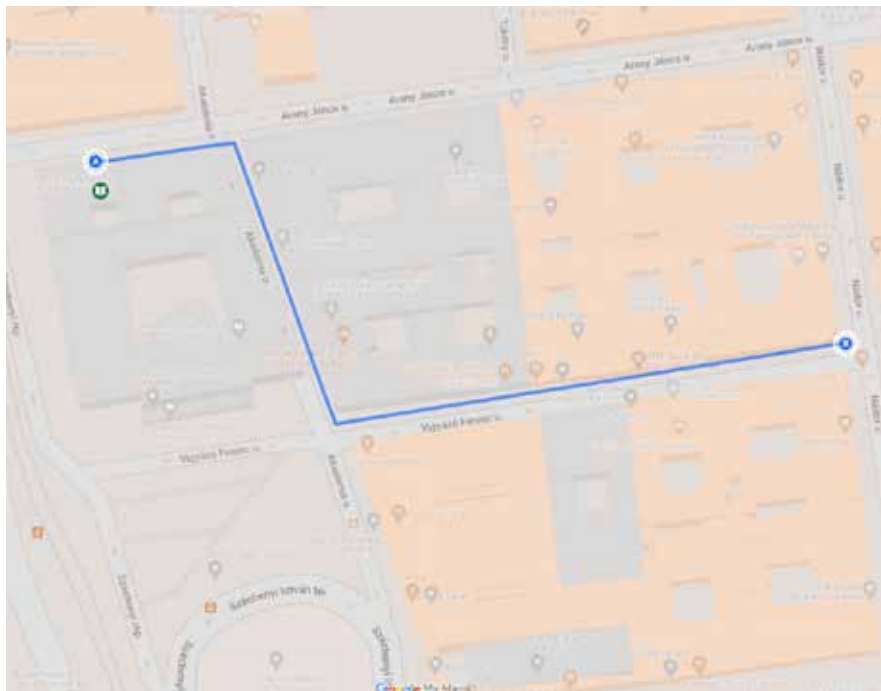**A = MTA Library (1051 Budapest, Arany János u. 1.)**
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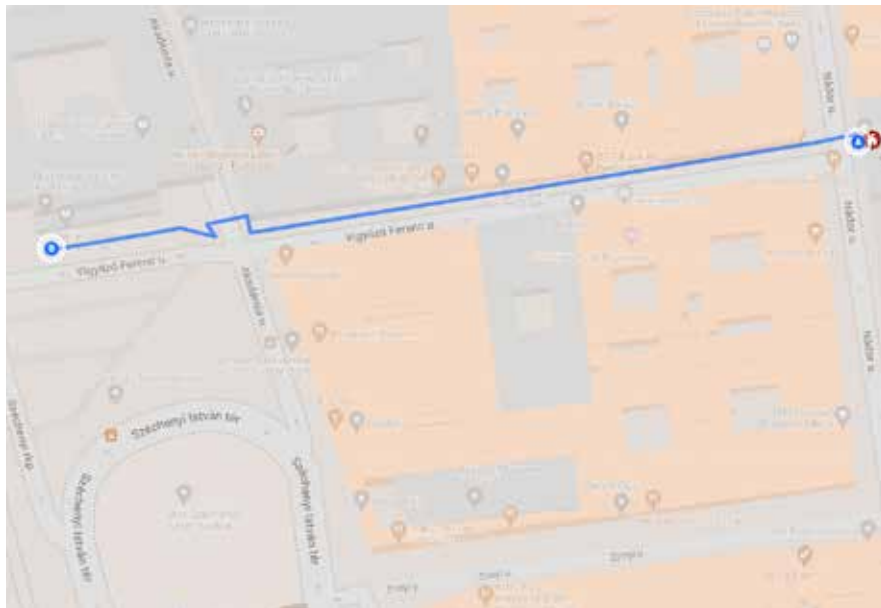   2, 4 and 9.

B = Central European University (CEU, 1051 Budapest, Nádor u. 15.))
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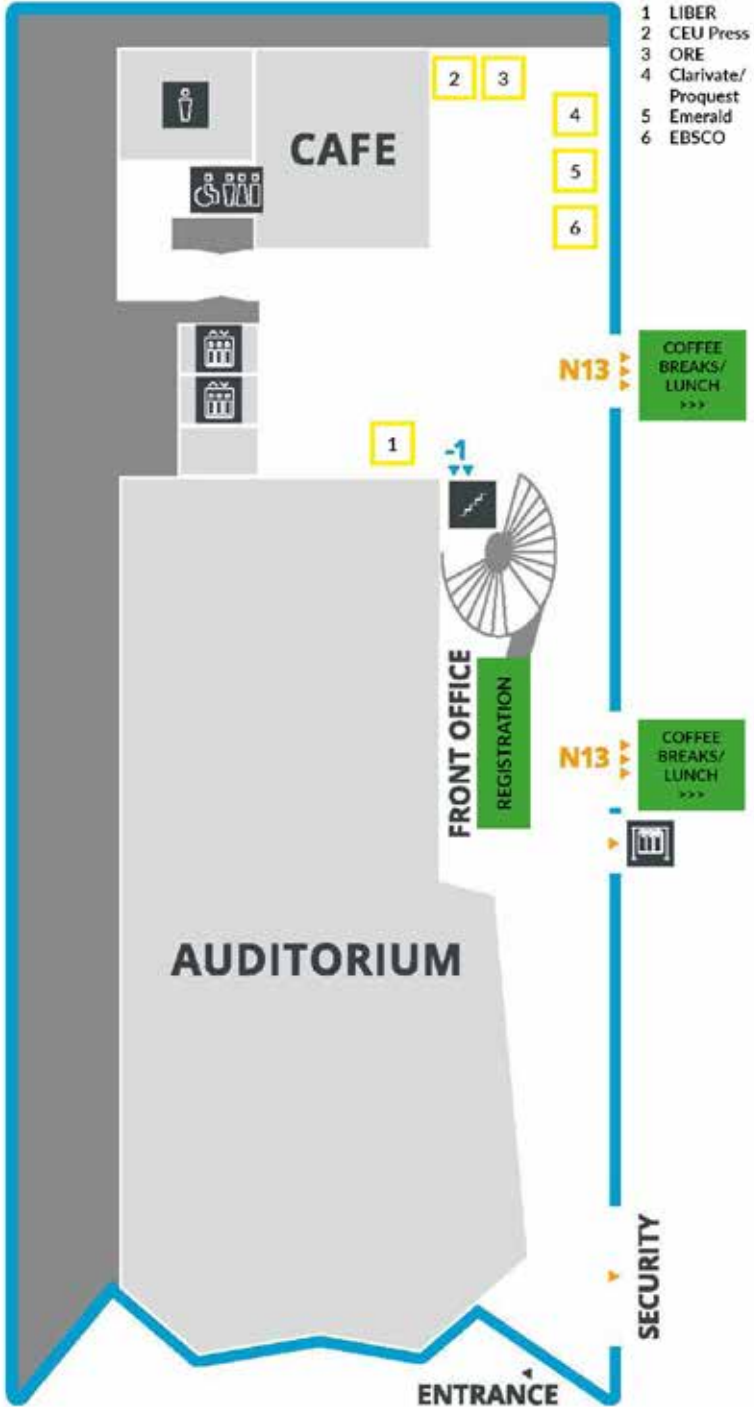
    Walking distance: 300 meters.

Map from Central European University (CEU, A, 1051 Budapest, Nádor u. 15.) to CONFERENCE DINNER (5 July) venue Pesti Vigadó (B, 1051 Budapest, Vigadó tér 2.).
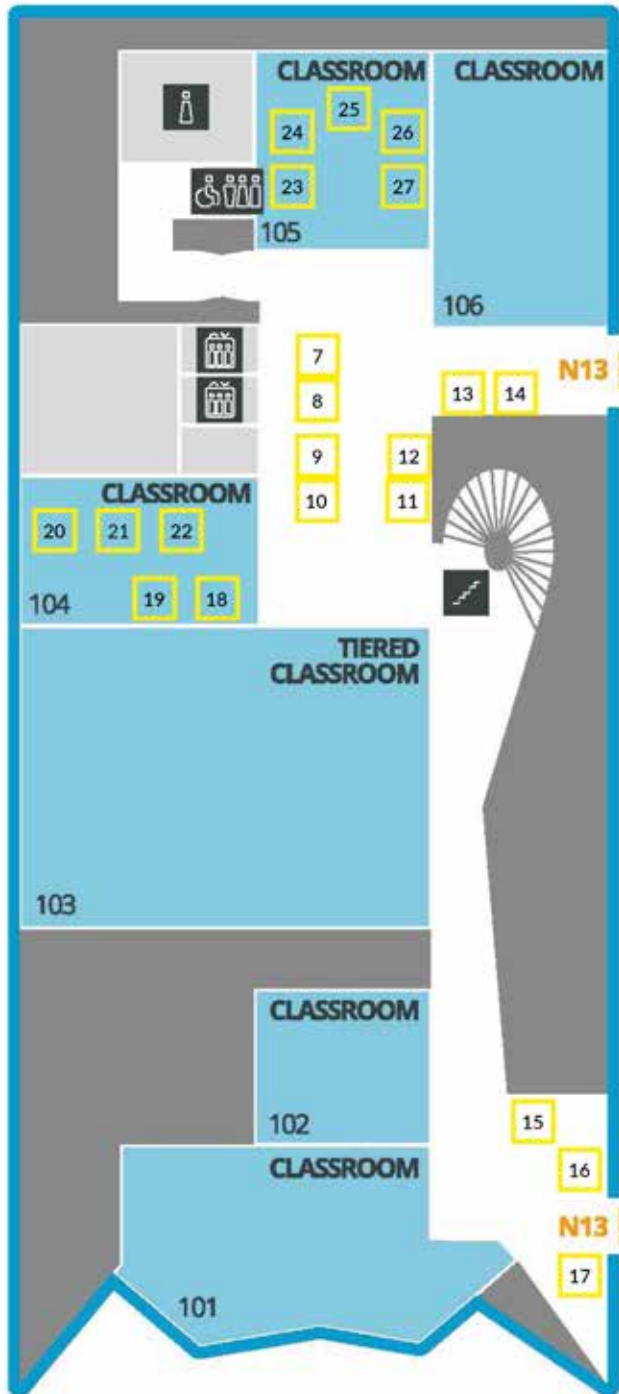
Walking distance: 750 meters

Map from Central European University (CEU, A, 1051 Budapest, Nádor u. 15.) to CONFERENCE RECEPTION (6 July) venue Hungarian Academy of Sciences (B, 1051 Budapest, Széchenyi István tér 9.).

Walking distance: 220 meters.

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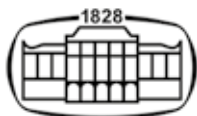27 Springer Nature

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