



LIBER 41st Annual Conference

Mobilising the Knowledge Economy for Europe

27–30 June 2012, Tartu



UNIVERSITY OF TARTU
LIBRARY

Conference Programme

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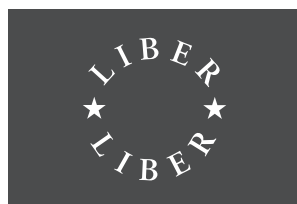
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TARTU UNIVERSITY PRESS



Welcome from the President of LIBER

It is my great pleasure to welcome all Conference guests to the 41st Annual LIBER Conference in Tartu, Estonia. I trust that your time here will be thought-provoking, informative and enjoyable.

The Information Landscape in Europe

The Information landscape in Europe presents a number of very significant challenges – to European Society, to Europe’s Higher Education institutions and to research libraries. The global economic crisis is having a number of impacts. In many, but not all, European countries severe cuts in public spending are being felt throughout Society. In some countries, the austerity measures are so severe that it is unclear what the financial future holds in store. The financial crisis cannot but impact on Europe’s universities. In parts of the UK, public funds have been removed from teaching support in many subjects, and this funding is being replaced by tuition fee income. Taught course students can, from October 2012, be charged up to £9,000 a year in tuition fees, on top of the monies they will need to find to support themselves during their years of study. For research libraries, the impacts are twofold – cuts in operational budgets, but also a corresponding wish for what in the UK we call the Student Experience to be improved in line with students’ heightened expectations. They have become active consumers, and are no longer simply passive recipients of educational services.

Planning for the new EU Framework Programme, to be called Horizon 2020, is now well advanced. The EU is investing billions of euros in the construction of research infrastructures to support the European Research Area. I was privileged to represent LIBER at a European consultation on Horizon 2020 in Rome in April at the Accademia dei Lincei. LIBER was the only library organisation represented at this large consultation meeting. Two things struck me about the role of libraries in the discussions. First, the Commission seems convinced of the need for, and the impact of, Open Access to research outputs. This is already a strong focus in the Commission’s policy and this will continue. Second, much of the discussion in Rome centred on the emergence of data-driven science. If research is driven by research data, rather than by hypotheses alone, this will represent a step change in how research is undertaken. Who will be responsible for collecting and storing the data so that it can be re-used and shared? Who will describe the data and what schema will be used? How should libraries develop their role in research support to take on these extra activities? What should they stop doing? Is there a new role of data scientist that needs to be created? What skills will be needed? Is this necessarily a library-based role? There are clearly a number of challenges to address.

LIBER: Visibility, Communication and Advocacy

2011–2012 has been one of LIBER’s most successful years since our foundation over 40 years ago. LIBER membership is healthy.

Total membership	Date
361	December 2008
394	September 2009
415	October 2010
423	September 2011

This result is probably down to LIBER’s greater visibility in Europe, an Annual Conference of much greater quality, more LIBER activities and a greater emphasis by LIBER on communication. LIBER members, partners and followers are welcome to use, print and share LIBER promotional leaflets – now available in

more than 15 European languages! All the versions are available within the JOIN section on the LIBER website.

LIBER is certainly more visible as a European body. Comments to me by other Officers in European library bodies confirm that LIBER has increased its public profile. As a result, the number of users registered to use our social networking tools and e-mail lists is growing - the LIBER LinkedIn community now numbers over 1,000 subscribers. The new LIBER website must also have made a significant contribution to LIBER's new presence on a European stage.

LIBER has scored a particular success in raising the profile of the organisation with the European Commission. LIBER makes regular contributions to EU consultations, such as the Rome consultation already mentioned. LIBER is registered with the Commission as a European lobbying organisation and the President and Director have regular briefing meetings with European Commission staff. This is particularly valuable since the dialogue helps clarify areas where European research libraries can act and where potential project funding is available.

The new Horizon 2020 funding programme has over €80 billion euros to spend on supporting European research and research infrastructures. It is an eye-watering sum, and the whole of LIBER's advocacy efforts in the last 12 months have been devoted both to making contributions to the Horizon 2020 programme and to positioning LIBER libraries to take advantage, as part of European research infrastructures, of the huge potential that this level of funding offers.

LIBER Activity 2011–2012

It has been another successful year for LIBER in its project and Workshop activities. One of the big new projects in which LIBER is involved is Europeana Newspapers. A group of 17 European partner institutions have joined forces in the Europeana Newspapers project and will, over the next three years, provide more than 10 million newspaper pages to the Europeana service.



européana
newspapers

The Europeana Newspapers project (funded under the EC's CIP 2007–2013) aims at the aggregation and refinement of newspapers for The European Library and Europeana. In addition, the project addresses challenges particularly linked with digitized newspapers. The project started on 1 February 2012. Each Library participating in the project will distribute digitized newspapers and full texts free of any legal restrictions to Europeana. There will be a special focus on newspapers

published during the First World War, thus providing a meaningful addition to the resources aggregated by the Europeana Collections 1914–1918 project.

Europeana Libraries was successfully reviewed by an EU panel early in 2012 after the end of its first year of operation. The aim of the project is to deliver metadata for, and access to, over 5,000,000 digital items in Europeana – the first comprehensive ingest of material there from European research libraries. A business model is being developed for the long-term sustainability of aggregating research library content into Europeana. One of the results of the project is that LIBER has been granted two places on the TEL (The European Library) Management Committee, including the place of Deputy Chair. A further project, Europeana Research, was submitted for funding on 15 May 2012 to continue the construction of Europeana Research as part of European research infrastructures, giving access to a huge wealth of resources in the Arts, Humanities and Social Sciences.

The 3rd LIBER-EBLIDA Digitisation Workshop took place in October 2011 in the KB in The Hague, and continued the successful run of Workshops which LIBER has held on this theme.

The LIBER Organisation and Human Resources Steering Committee is continuing its very successful Leadership Programme, and is working with the EU and European university organisations to see how European research libraries can interact with the European U-Multirank tool for university ranking. The LIBER Architecture Group also had a successful Workshop in Prague in Spring 2012. The 2nd LIBER Digital Curation Workshop took place in Florence in May and was a great success. Plans are already in train for a third Workshop in 2 years time, hopefully in Vienna.

2012 saw the departure of the LIBER Director, Wouter Schallier, to a new life with his family in South America. On behalf of all LIBER members, I thank him for his contribution to the corporate life of LIBER, to raising LIBER's visibility in Europe and for working closely with me as President to embed European project funding and advocacy to the EU as principal means for delivering LIBER's Strategy. At the time of writing, interviews for a new Director are underway. In 2012, we also said goodbye to Carmen Morlon, who left LIBER to develop her career in new areas.



The New LIBER Strategy

2012 sees LIBER adopting a new Strategy. The Breakout Groups in Tartu will be able to comment on the draft Strategy which was circulated to all LIBER members in our May 2012 mailing. LIBER cannot do everything, and so in the next Strategy period we will concentrate our funding and efforts in three areas: Advocacy and Communications, Re-modelling the European Research Library, Research Infrastructures and Scholarly Communication. The LIBER Committee structures will change to reflect the new Strategy which LIBER will adopt, overseen by the LIBER Board.

Our Members, Sponsors and Friends

It remains only for me to commend the LIBER Annual Conference in Tartu as a space for networking, discussion, learning and conviviality. I wish to thank the growing number of staff in the LIBER Office – our Interim Director Leo Voogt, Susan Reilly, Ales Pekarek, Marieke Willems, and Yvonne Stigter. Many of our staff are now funded to work on EU projects and the majority will be present in Tartu. To my colleagues on the LIBER Board, I wish to extend my thanks for their support, hard work and advice in helping to develop LIBER as the principal research library grouping in Europe. I wish especially to thank our Gold and Silver sponsors, without whose support it would literally be impossible to continue the ambitious programme of work on which LIBER is engaged.

I wish to send my best wishes to all LIBER members, especially those who have travelled to the beautiful university city of Tartu for the 2012 LIBER Annual Conference; and to our Estonian hosts for hosting this large European conference and for being an absolute pleasure to work with.

The settings for LIBER Annual Conferences have now become essential meeting places for librarians in European research libraries, where they can network, exchange ideas, attend thought-provoking Conference sessions, and build partnerships which will develop after the Conference. I wish you all a happy and enjoyable visit to Tartu

A handwritten signature in black ink that reads "Paul Ayris". The signature is written in a cursive, slightly stylized font.

Paul Ayris
President of LIBER
May 2012

Welcome from the University of Tartu Library

Dear Conference Participants,

On behalf of the Conference Organising Committee and everyone in the University of Tartu Library, we are very happy for the opportunity to welcome you to the city of good thoughts – Tartu!

Tartu is among the oldest university towns in Europe. The University of Tartu, founded in 1632 by Gustavus Adolphus of Sweden, is the only classical university in Estonia today. More than 18,000 students are studying in its nine Faculties and three separate Colleges. International co-operation with renowned universities both in Europe and all over the world is essential for the further development of the University of Tartu and its 1,700 academic staff. The university has signed co-operation agreements with 51 partner universities in 21 countries. Among the universities of the Baltic countries, the University of Tartu is the only one to belong to the Coimbra Group – an association of long-established European multidisciplinary universities of high international standard.

The University's teaching and learning is supported by the collections (3.7 million items) of the UT Library, the oldest and largest Estonia's research libraries. The Library was founded in 1802 in the spirit of the Enlightenment; from its inception the Library has been open to the general public. Today, 41% of its 53,000 registered users are not associated with the University. The Library also mediates access to a representative collection of electronic scholarly information.

The Library's activities are characterised by the keywords of **openness** and **co-operation** both inside the University and at the wider national and international level. The UT Library is one of the founding members of the Estonian Libraries Network Consortium which brings together 13 large Estonian libraries. The Library is a member of a number of international organisations and projects: IFLA, LIBER, IAML, IASA, BAAC, EAHIL, ENCES, EIA, IALL, CERL, Bibliotheca Baltica, SPARC Europe, EOD, Europeana, OpenAire, etc.

By supporting the Open Access movement, the Library aims to contribute to the free dissemination of research results. The library manages the University of Tartu Repository on DSpace (www.dspace.utlib.ee), which has joined the e-theses portal DART-Europe (www.dart-europe.eu). Three years ago the library launched the project of Estonian-language e-textbooks in co-operation with the University and publishers. In the future, the Library will introduce the Open Journal System and create a DOI repository for publishing and archiving raw data.

In the light of the rapid rise of electronic information, the Library's task is to teach information literacy to its users at all levels. The University of Tartu is probably the only university where students who successfully pass web-based information literacy and search courses receive academic credit for them. Similar e-courses are also offered to high school students.

On account of its rich collections of early books, manuscripts, maps, sheet music, photographs and art, the University of Tartu Library is an important cultural treasury both in an Estonian and in a European context, being a part of our common cultural memory. The Library is digitising its historical special collections, and the rising number of virtual visits from all over the world each year confirms its successful role in global scholarly communication.

Dear guests! We hope that the Conference presentations and discussions will inspire new ideas that will spring into life in numerous joint projects. Both librarians and library users profit from co-operation without borders.

Midsummer is the time of wonderful light nights in Estonia and we hope that you can spare some time to enjoy them. We strive to offer you memorable experiences – concerts, meetings and excursions.

We wish the Conference every success and express our heartfelt thanks to the LIBER Executive Board and to all the sponsors and exhibitors who have helped us to bring the Conference to life!



Dr Martin Hallik,
University of Tartu,
Vice-Rector for Academic Affairs



Malle Ermel,
University of Tartu Library,
Acting Director



Kristina Pai,
University of Tartu Library,
Director of Collections Development,
Chairman of the
LIBER 2012 Organising Committee

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Ms Ilona Smuškina, Marketing Manager

Ms Piret Zettur, Senior Specialist of Information Systems Department

Ms Tiiu Tarkpea, Head of Subject Analysis Department

Ms Kertu Uri, Head of Collections Development Department



Conference Details

All Conference sessions will take place in the **Dorpat Conference Centre (Turu 2)** in the centre of Tartu. www.dorpat.ee/eng; Tel: +372 7337 191

Registration and Information Desk

Registration will be open on Tuesday 26 June from 14:00–17:00 and on Wednesday 27 June from 08:00–17:00.

The local organisers will be available at the **Information Desk** near the **Grindel Room** every day from 08:00–17:00.

Name Tags

Please make sure that you wear your name tag at all Conference events. The name tags for the Organising Committee and Conference Office staff are pale green.

Sessions

All Conference sessions are open to registered delegates unless they are marked in the programme as 'closed' or 'invited only' sessions.

Posters and Exhibitions

During the Conference there will be a **poster area** in the Main Lobby of the Conference Centre.

The **professional exhibition** will take place in the **Baer Room** and in the Lobby.

An exhibition on Estonian libraries will be on display in the area near the Lobby.

The exhibition and the poster areas will be open from 09:00–17:30 on 27 June and from 09:00–17:00 on 28 and 29 June.

Exhibitors may begin setting up their stands on 26 June from 14:00–17:00 or on 27 June from 08:00. Stands should be removed on the evening of 29 June from 17:00.

Speakers' Room

The Ostwald Room will be reserved for use by Conference Speakers, and will be available from 08:00–17:00 on each Conference day. If you wish to use this room, please sign up for a time slot at registration.

Computer Room

A computer room with 16 computers will be open in the Conference Centre for delegates on each Conference day. WIFI is available throughout the whole of the Conference Centre.

Meals

Coffee breaks and lunches are provided for all registered delegates. Coffee will be served in the Dorpat Conference Centre and lunches will be served in the Atlantis Restaurant on the left bank of the River Emajõgi, five minutes from the Conference Centre. Vegetarian options will be available for all meals.

Concerts and Receptions

26 June

– all registered delegates are welcome to join the free City Tour.

– tickets (€5.00 each) for the concert by Triskele in Jaani (St John's) Church may be acquired during registration or before the concert at the Church.

27–29 June

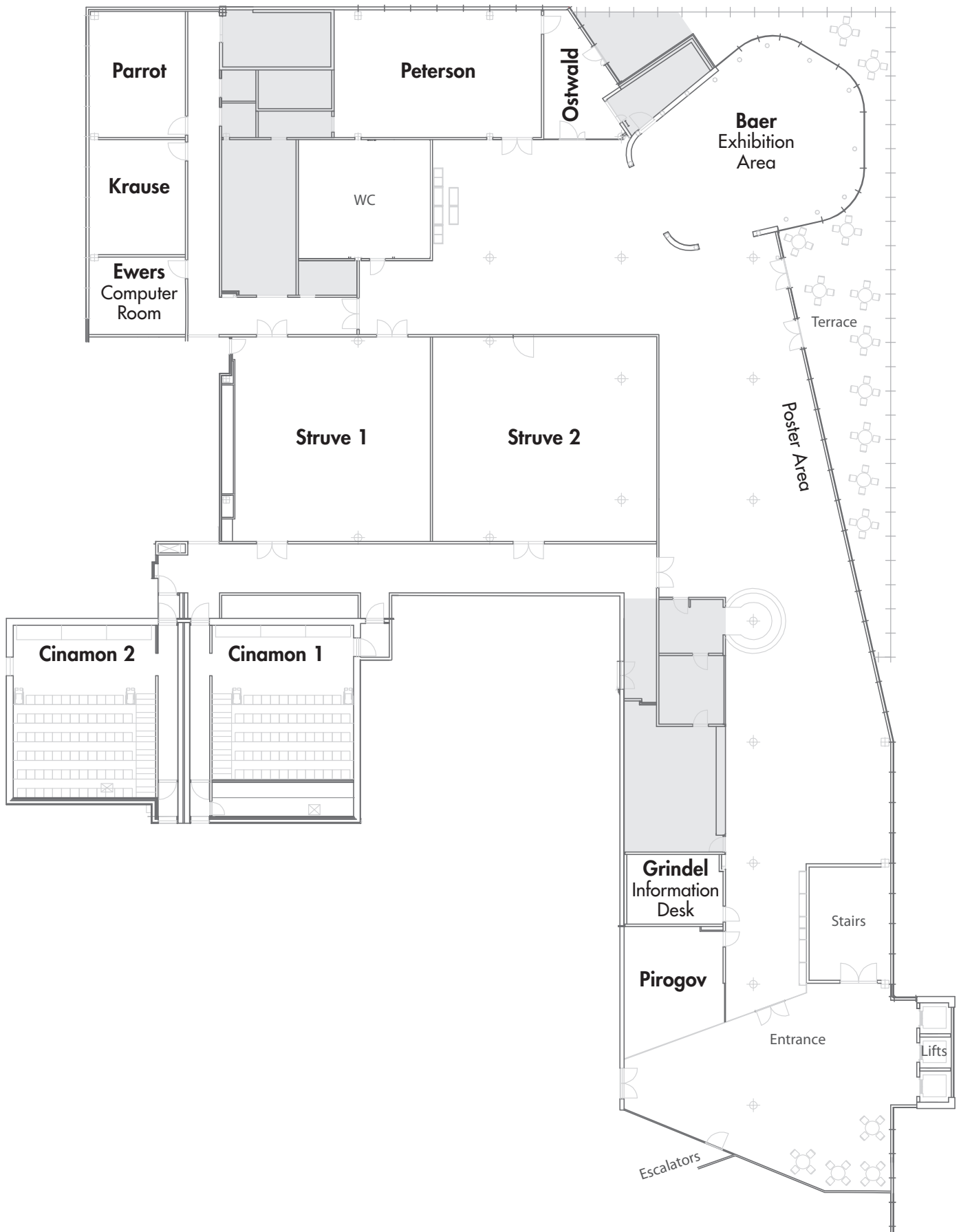
– all registered delegates are welcome to all the concerts and receptions during the Conference.

Please do not forget to wear your name tag at all Conference events.

Conference Photograph

A Conference photograph will be taken at the Assembly Hall in the Main Building of the University of Tartu on the evening of 28 June after the concert.

Plan of the Conference Centre



Conference Programme

LIBER Pre-Conference Monday 25 June 2012

- 08.30–10.30 Leadership seminar** *(by invitation)*
Room: **Peterson**
- 10.30–11.00 Coffee*
- 11.00–13.00 Leadership seminar** *(by invitation)*
Room: **Peterson**
- 13.00–14.00 Lunch in Dorpat*
- 14.00–16.00 Leadership seminar** *(by invitation)*
Room: **Peterson**
- 16.00–16.30 Coffee*
- 15.30–21.00 LIBER Finance Committee** *(by invitation)*
Room: **Ostwald**
- 16.30–18.00 Leadership seminar** *(by invitation)*
Room: **Peterson**

LIBER Pre-Conference Tuesday 26 June 2012

- 08.30–10.30 Leadership seminar** *(by invitation)*
Room: **Peterson**
- 09.30–10.30 LIBER Executive Board** *(by invitation)*
Room: **Krause**
- 10.30–11.00 Coffee*
- 11.00–13.00 Leadership seminar** *(by invitation)*
Room: **Peterson**
- LIBER Executive Board** *(by invitation)*
Room: **Krause**
- 13.00–14.00 Lunch in Dorpat*
- 14.00–17.00 Registration**
- 14.00–15.30 Leadership seminar** *(by invitation)*
Room: **Peterson**
- SPARC Europe Annual Meeting** *(by invitation)*
Room: **Struve 1**
- Digitisation and Resource Discovery Steering Committee** *(by invitation)*
Room: **Ostwald**
- LIBER Services Steering Committee** *(by invitation)*
Room: **Parrot**
- Heritage Collections and Preservation Steering Committee** *(by invitation)*
Room: **Pirogov**
- Communications & Marketing Committee** *(by invitation)*
Room: **Struve 2**
- LIBER Quarterly Editorial Board** *(by invitation)*
Room: **Krause**

15.30–16.00 Coffee

16.00–17.30

Leadership seminar (by invitation)

Room: Peterson

SPARC Europe Annual Meeting (by invitation)

Room: Struve 1

Digitisation and Resource Discovery Steering Committee (by invitation)

Room: Ostwald

LIBER Services Steering Committee (by invitation)

Room: Parrot

Heritage Collections and Preservation Steering Committee (by invitation)

Room: Pirogov

Communications & Marketing Committee (by invitation)

Room: Struve 2

LIBER Quarterly Editorial Board (by invitation)

Room: Krause

18.00 Tartu Walking Tour

The tour will begin in the Town Hall Square (Raekoja plats) at the 'Kissing Students' Fountain.

21.00 Concert by Triskele in Jaani (St John's) Church

LIBER Annual Conference WEDNESDAY 27 JUNE 2012

08.00

Registration

09.00–10.00

ODE workshop: 'Best Practice in Data Citability and the Evolving Role of Libraries'

Room: Struve 2

We have already established that libraries must adopt a new role in terms of supporting the exchange of scientific research data. Our research has shown that the library has the potential to address many of the current gaps in linking data to publications. Furthermore, libraries, more than any stakeholder, are aware of the central role that citability can play in terms of incentivising data sharing, for both researchers and publishers, and the long-term success of investment in infrastructures for data exchange. This workshop will present the results of our survey on the role of libraries in data exchange in order to validate and achieve consensus on what a unified vision of our role in this landscape should look like. As well as this, it will call on participants to examine critically best practices in data citability.

APARSEN workshop: 'European e-infrastructures: Optimizing the Business Relationship between Libraries, Archives and Data Centres'

Room: Peterson

APARSEN is a Network of Excellence that aims to bring together an extremely diverse set of practitioner organisations and researchers in order to bring coherence, cohesion and continuity to research into barriers to the long-term accessibility and usability of digital information and data. Actors in this area will be brought together in this workshop to facilitate discussion around:

1. What are the existing gaps in the current European e-infrastructure?
2. How can libraries, archives and data centres work together to address these gaps?
3. What sort of common standards and policies could be beneficial in terms of addressing the gaps and supporting collaboration?

This workshop offers libraries the opportunity to engage with this network of excellence and, through the network, to have their voices and opinions heard at European policy level.

09.00–10.00

Europeana Libraries Workshop: 'Reaching out to Researchers: Effective Communication Strategies for Libraries'

Room: **Struve 1**

In an increasingly virtual communications environment, libraries are under pressure to find new ways of interacting with and supporting their researchers.

This practical workshop will help national, university and other research libraries to develop and implement effective communications strategies. Using the launch of the new European Library portal as an example, the workshop will include presentations and case studies illustrating successful approaches, methods and campaigns. Through break out sessions, it will also facilitate the sharing of ideas and experiences for libraries wishing to explore new ways of reaching out to their researchers.

Scholarly Communication Workshop: 'Ten Priorities for Libraries in the Area of Research Data'

Room: **Krause**

Digitisation and Resource Discovery Workshop: 'Digitisation of Out-of-Commerce Works: How to Approach It'

Room: **Pirogov**

Implementation of the Memorandum of Understanding (MoU) on the Digitisation of Out-of-Commerce Works: the MoU and its Implementation: the Views of Libraries

Ben White, *British Library, UK*

The MoU and its Implementation: the Views of Rightholders

Olav Stokkmo, *CEO, IFFRO*

ARROW: Presentation and Demonstration

Olav Stokkmo, *CEO, IFFRO*

09.00–10.15 **Heritage Collections and Preservation Workshop: 'The Increasing Impact of Digital Cultural Heritage'**

Room: **Cinamon 1**

9.00 Welcome

9.15 Digital Humanities in Everyday Life and Research: the Case of Ghent University

Hendrik Defoort, *University of Ghent, Belgium*

9.45 Acquisition and Communication of Digitally-Born Images – Possibilities and Problems

Mette Kia Krabbe Meyer, *Royal Library, Denmark*

10.00–10.30 *Coffee*

10.30–12.00

ODE Workshop

Room: **Struve 2**

APARSEN Workshop

Room: **Peterson**

Europeana Libraries Workshop

Room: **Struve 1**

Scholarly Communication workshop

Room: **Krause**

Organisation and Human Resources Steering Committee *(by invitation)*

Room: **Cinamon 2**

Heritage Collections and Preservation Workshop: 'The Increasing Impact of Digital Cultural Heritage'

Room: **Cinamon 1**

10.30 Digitisation as a Method of Preservation

Per Cullhed, Uppsala University Library, Sweden

11.00 Developments in the Field of Long-term Preservation of Digital Objects

Marcel Ras, The National Library of the Netherlands, The Netherlands

11.30 Panel Discussion on the Increased Impact of Digital Cultural Heritage

Per Cullhed, Uppsala University Library, Sweden; Claudia Fabian, Bayerische Staatsbibliothek, Germany; Mette Kia Krabbe Meyer, Royal Library, Denmark; Marian Lefferts, CERL.

Digitisation and Resource Discovery Workshop: 'Digitisation of Out-of-Commerce Works: How to Approach It'

Room: **Pirogov**

Implementation of the MoU: Case Studies Europeana Collections 1914–1918: A First World War Mass Digitisation

Ben White, British Library, UK

The Norwegian Bookshelf Project

Vigdis Moe Skarstein, National Library of Norway, Norway

La loi française sur la numérisation des livres indisponibles du 20ème siècle. Une solution négociée pour relever le défi du 'trou noir' (The French law on the digitisation of 20th-century out-of-commerce works. A negotiated solution to address the 'black hole' challenge)

Bruno Sagna, Bibliothèque nationale de France, France

12." 0–13.30 *Lunch in Atlantis*

13.30–15.30 **Opening Ceremony**

Welcome from Dr Martin Hallik, Vice-Rector for Academic Affairs, University of Tartu

Reply by Dr Paul Ayris, President of LIBER

Opening of Meeting of Participants

Room: **Struve**

13.35

Invited Speaker: Professor Dr Jaak Aaviksoo, Minister of Education and Research, Estonia

14.30 Information Seeking and Reading Behaviour of the Virtual Researcher

Invited Speaker: Professor David Nicholas, Director of CIBER Research group, UK

15.00 Discussion

15.30–16.00 *Coffee*

Parallel Sessions: Papers Selected through Call for Papers

16.00–16.30 **Parallel Session 1**

1.1 Data Management in Scholarly Journals and Possible Roles for Libraries – Some Insights from EDaWaX

Sven Vlaeminck, Leibniz Information Center for Economics (ZBW), Germany

Room: **Struve 1**

1.2 Wealth, Fame and Good Looks?: The Current Financial Crisis and European Research Libraries

Dr Paul Ayris, UCL, UK

Room: **Struve 2**

1.3 Supporting Better Knowledge Transfer: Information Handling in Collaborative Research

Ellen Collins, Michael Jubb, *Research Information Network, UK*

Room: **Peterson**

1.4 The International e-Depot to Guarantee Permanent Access to Scholarly Publications

Marcel Ras, *National Library of the Netherlands, The Netherlands*

Room: **Cinamon 1**

16.30–17.00 Parallel Session 2

2.1 Building an Editable, Versionized LOD Service for Library Data

Adrian Pohl, *North Rhine-Westphalian Library Service Center (hbz)*; **Felix Ostrowski**, *Berlin School of Library and Information Science, Humboldt University of Berlin, Germany*

Room: **Struve 1**

2.2 Integrating a National Library and National Archives

Bas Savenije, *KB, National Library of the Netherlands, The Netherlands*

Room: **Struve 2**

2.3 Re-skilling for Research: A Report into the RLUK Investigation into the Role and Skills of Subject and Liaison Librarians Required to Effectively Support the Evolving Information Needs of Researchers

Antony Brewerton, *University of Warwick, UK*

Room: **Peterson**

2.4 How to Face the Challenges of Web Archiving? The Experiences of a Small Library on the Edge

Chloé Martin, *Internet Memory Foundation, France*; **Della Murphy**, *National Library of Ireland, Ireland*

Room: **Cinamon 1**

17.00–17.30 Parallel Session 3

3.1 Open Access and Threaded Publication

Natalia Timiraos, *BioMed Central, United Kingdom*

Room: **Struve 1**

3.2 A Portal for Scientific Audiovisual Media: Analysing User Needs

Margret Plank, *German National Library for Science and Technology, Germany*

Room: **Peterson**

3.3 Emerging Leaders in Libraries: In Search of Success Factors for Future Library Leaders

Chantal Keijsper, *Leiden University Libraries*; **Astrid Verheusen**, *National Library of the Netherlands, The Netherlands*

Room: **Struve 2**

3.4 SYNAT – the Polish National Research Content Infrastructure

Wojtek Sylwestrzak, Tomasz Rosiek, *University of Warsaw, Poland*

Room: **Cinamon 1**

20.00 Conference Dinner in Dorpat

Pre-Dinner Reception: The European Library

The Launch of the New European Library Portal

09.00–09.30 Parallel Session 4

4.1 Mobile Use Scenarios for Digital Content and Digital Services – the Bavarian State Library 'Ludwig II' Augmented Reality-App

Dr Klaus Ceynowa, Bavarian State Library, Munich, Germany

Room: **Peterson**

4.2 Thinking the Unthinkable: A Library without a Catalogue

Simone Kortekaas, Utrecht University Library, The Netherlands

Room: **Struve 1**

4.3 Enterprise Architecture: Experiences in Library Context

Esa-Pekka Keskitalo, National Library of Finland, Finland

Room: **Struve 2**

4.4 The Europeana Libraries: What is the Added Value of a Library Domain Aggregator?

Susan Reilly, LIBER, The Hague, The Netherlands

Room: **Cinamon 1**

09.30–10.00 Parallel Session 5

5.1 Bridging Boundaries: Mobile Technology as a Tool for Delivering New User-centred Reference Services for Researchers in the Humanities

Dr. Paolo Siritto, **Dr. Liliana Gregori**, **Luca Losito**, Università Cattolica del Sacro Cuore, Italy

Room: **Peterson**

5.2 Next Generation Library Systems: New Opportunities and Threats

Raymond Bérard, ABES, France

Room: **Struve 1**

5.3 Project Librarian

Heidi Kristin Olsen, Vestfold University College, Norway

Room: **Struve 2**

5.4 Uniting Heritage Digitization and EAD Metadata: 'Calames Plus' Solutions and Other Tracks

Jean-Marie Feurtet, Agence Bibliographique de l'Enseignement Supérieur, France

Room: **Cinamon 1**

10.00–10.30 Parallel Session 6

6.1 Scholarship 2.0: Analyzing Scholars' Use of Web 2.0 Tools in Research and Teaching Activity

Dr. Licia Calvi, NHTV Breda University of Applied Sciences, The Netherlands; **Maria Cassella**, University of Torino, Italy

Room: **Peterson**

6.2 JISC eCollections: Putting Users in Charge of a Shared Service

Caren Milloy, JISC Collections; **Gabriel Egan**, Loughborough University, UK

Room: **Struve 1**

6.3 The Open University: The University Library and the Shift in the Scholarly Communication Paradigm

Lenka Nemeckova, **Marta Machytкова**, **Helena Kovarikova**, **Vera Pilecka**, Czech Technical University in Prague, Czech Republic

Room: **Struve 2**

6.4 The Searchbench – Combining Sentence-Semantic, Full Text and Bibliographic Search in Digital Libraries

Dr Ulrich Schäfer, *German Research Center for Artificial Intelligence, DFKI, Germany*
Room: **Cinamon 1**

10.30–11.00 Coffee

11.00–12.30 Plenary Session

Room: **Struve**

11.00 Libraries to Go: Mobile Tech in Libraries

*Invited Speaker: **Ellyssa Kroski**, Manager of Information Systems at the New York Law Institute, USA*

11.30 Discussion

11.45 Presentation of posters I

12.00 Shaping the Future Information Supply Chain

*Presentation by Sponsor: **Jakob Harnesk**, EBSCO*

12.30–14.00 Lunch in Atlantis

12.45–13.45 Open Access : Elsevier-sponsored luncheon session

Dr Alice Wise, *Director of Universal Access, Elsevier*, **Dr Paul Ayris**, *UCL, UK, LIBER*
President.

Room: **Peterson**

14.00–15.30 Plenary Session

Room: **Struve**

14.00 Transformation of the Academic Library

*Invited Speaker: **Kurt De Belder**, University Librarian and Director of Leiden University Libraries, The Netherlands*

14.30 Discussion

14.45 Presentation of posters II

15.00 Relevance Ranking in the scholarly Domain

*Presentation by Sponsor: **Dr Tamar Sadeh**, Ex Libris*

15.30–16.00 Coffee

16.00–17.00 Break Out Sessions: Discussion of LIBER Draft Strategic Plan 2013–2015

NB! Please take your copy of the LIBER Strategy draft that was in your Conference bag with you.

Break Out Session 1 (Surnames A–D)

Room: **Peterson**

Break Out Session 2 (Surnames E–J)

Room: **Struve 1**

Break Out Session 3 (Surnames K–L)

Room: **Struve 2**

Break Out Session 4 (Surnames M–P)

Room: **Parrot**

Break Out Session 5 (Surnames Q–S)

Room: **Krause**

Break Out Session 6 (Surnames T–Z)

Room: **Pirogov**

19.00 Concert by the Academic Female Choir, University of Tartu the Assembly Hall.

After the Concert the Conference Photograph will be taken, followed by a Reception in the University History Museum.

09.00–09.30 Parallel Session 7

7.1 Developing a Sustainable Funding and Open Access Publishing Model for Scholarly Books.

Dr. Frances Pinter, *Bloomsbury Academic, UK*

Room: Peterson

7.2 Travelling along the Open Road: How European Research Libraries Can Support the ERA, European Research Area

Dr Paul Ayris, *UCL, UK*

Room: Struve 1

7.3 Licensing Revisited: Open Access Clauses in Practice

Kathleen Shearer, Birgit Schmidt, Norbert Lossau, *Confederation of Open Access Repositories*

Room: Struve 2

09.30–10.00 Parallel Session 8

8.1 OAPEN-UK: Investigating a Business Model for Open Access Monographs in the Humanities and Social Sciences

Caren Milloy, *JISC Collections*; **Ellen Collins**, *Research Information Network*; **Graham Stone**, *University of Huddersfield, UK*

Room: Peterson

8.2 OpenAIRE – Building a Collaborative Open Access Infrastructure for European Researchers

Dr. Birgit Schmidt, Najla Rettberg, *Goettingen State and University Library, Germany*

Room: Struve 1

8.3 Supporting Digitization Projects with Rights Information Infrastructures: The ARROW Service

Nuno Freire, Andreas Juffinger, Markus Muhr, *The European Library, National Library of the Netherlands, The Netherlands*

Room: Struve 2

10.00–10.30 Parallel Session 9

9.1 Open Access Coalitions' Publishing – an Alternative Method for Scientific Publishing

Dr. Roxana Theodorou, *Ionian University, Greece*

Room: Peterson

9.2 The Polish Scholarly Bibliography – an Upcoming Player in the Polish Science Landscape

Aleksander Nowinski, Wojtek Fenrich, Wojtek Sylwestrzak, *Interdisciplinary Centre for Mathematical and Computational Modelling, University of Warsaw, Poland*

Room: Struve 1

9.3 Legal Deposit of Electronic Publications in the UK

Graeme Forbes, *National Library of Scotland, UK*

Room: Struve 2

10.30–11.00 Coffee

11.00–12.30 Plenary Session

Room: **Struve**

11.00 Measuring the Impacts of Open Access to Publicly Funded Research and Data

*Invited Speaker: **John Houghton**, Professorial Fellow, Centre for Strategic Economic Studies, Victoria University, Australia*

11.30 Discussion

11.45 LIBER Award for Library Innovation

12.00 Research With Applications: Empowering the Scientific Research Community for Better Outcomes

*Presentation by Sponsor: **Rafael Sidi**, Elsevier*

12.30–14.00 Lunch in Atlantis

14.00–14.30 Plenary Session

Room: **Struve**

14.00 New Steps in the Research and Collaboration Workflow and the Role of the Library. Introducing the Mendeley Institutional Edition

*Presentation by Sponsor: **Meinhard Kettler**, Swets*

14.30–15.00 Coffee

15.00–16.30 Meeting of Participants. Conclusions & Closing Ceremony

Room: **Struve**

16.30–18.00 LIBER Executive Board *(by invitation)*

Room: **Peterson**

19.00 Concert by Liinatsuraq and Reception in the Gunpowder Cellar

SATURDAY 30 JUNE 2012

8.30–19.30 The Conference Excursion to Setomaa

The excursion will take participants to the southeasternmost region of Estonia, called Setomaa. Departure from the lower parking area in front of the Vanemuine Theatre. The itinerary: Tartu-Lüübnitsa-Värsksa-Saatse-Obinitsa-Tartu. You will climb a watchtower to see an island across the Russian border, visit the sandstone caves in Piusa, have a look at an old church in Värsksa and visit the Seto Museum in Saatse. The lunch will be held in a traditional seto 'tea-house'. A Seto choir will sing for you during the lunch, after which you will visit the monument to the Seto Song-mother and an art-gallery.

Abstracts and Presenter Profiles

WEDNESDAY 27 JUNE 2012

13:35–14:00

Opening Meeting

Invited Speaker: Professor Dr Jaak Aaviksoo, Minister of Education and Research (Estonia)

The public sector in Europe and the whole Western world must be able to deliver better services with less money. Public budgets are increasingly limited, but user expectations for quality public services (including research library services) are rising. Research libraries must organize their activities more efficiently and co-operate on a much wider basis.

European research libraries should co-operate much more closely in collecting, organizing and making information available to the public. The creation of common standards and improving the interoperability of different library systems and services is the key element in improving the quality of end-user services and pursuing efficiency. New e-solutions will enable research libraries to create a foundation for new pan-European infrastructures and distributed e-services.

As the Conference theme is 'Mobilizing the Knowledge Economy for Europe', research libraries should further develop their services for businesses and other private entities to really serve the knowledge economy, not only the academic research community. Developing e-services in research libraries in co-operation with businesses can be also a good platform for innovation.

In order to ensure that small languages (in Europe) will survive in a globalized information society, it is crucial to develop and use language technologies and applications in research libraries, too. Native data should be available electronically, easy to access and there should be a possibility to use systems and e-services in local languages.

E-solutions are the inevitable development trend in libraries, but this trend also carries some risks. The greater the volume of electronic research information stored in library systems, the more they become critical in terms of cyber security. Security and reliability of information systems are especially important for the long-term preservation of scientific information.



Professor Dr Jaak Aaviksoo is Minister of Education and Research for the Republic of Estonia. He was previously Minister of Defence for four years before assuming his current post, and in the 1990s he was also Minister of Culture and Education and Minister

of Education.

By profession, Jaak Aaviksoo is a physicist. He holds a PhD degree and was Professor of Optics and Spectroscopy at the University of Tartu. He has twice been elected Rector of the University of Tartu. Through his achievements in research, he has been elected a member of the Estonian Academy of Sciences and of the Academia Europaea, and he has been awarded an Honorary Doctorate by the University of Turku, Finland.

As Minister of Education, Aaviksoo launched the Tiger Leap programme to bring the Internet to Estonian schools. As Rector of the University of Tartu, he was a member of the European University Association and the European Cultural Foundation. As Minister of Defence he launched cyber defence operations in the Estonian Defence Forces and was the initiator of the establishment of NATO's Co-operative Cyber Defence Centre of Excellence in Estonia.

Since 2004, Aaviksoo has been a member of the Estonian Academy of Sciences and belongs to ten other professional associations. For instance, he has been Chairman of the Estonian Council of Rectors and a member of the Academic Council of the President of the Republic. Since 1976 he has published almost 200 research and other articles and participated in over a hundred research conferences in 23 countries.

WEDNESDAY 27 JUNE 2012
14:30–15:00
Opening Meeting

Invited Speaker: Professor David Nicholas, Director of CIBER (UK)

Information Seeking and Reading Behaviour of the Virtual Researcher

For ten years now the CIBER research group has been studying the logs of numerous scholarly publishers and national libraries and what was clear from the very beginning was that scholars conducted very brief visits to these websites and spent very little time reading when there. CIBER's research points to the fact that little deep reading is undertaken and that 'lite' reading or power browsing is endemic among researchers: younger researchers prefer it anyway and older researchers are getting used to it for the speed and convenience it brings. PDFs are largely a means of archiving and collecting and are not the gold standard metric they are alleged to be. User satisfaction comes not from a PDF but from the ability to deep dive into a site and snatch what you are interested and get out of the site as quickly as possible. This is going to be even more the case as smartphones become the platform of choice to access the web. Content providers are going to have to adapt fast and libraries face another round of disintermediation.



David Nicholas is a Director and founder of the internationally renowned CIBER research group. The group is perhaps best known for its deep log analysis techniques for monitoring online behaviours, especially in regard to the Google Generation,

which has been featured widely in the media, including BBC TV. David is also a professor at the University of Tennessee. Previously David was Head of the Department of Information Studies at University College London for seven years (2004–2011) and pre-

vious to that Head of the Department of Information Science at City University for a similar period of time.

David's interests include mapping use and seeking behaviour in virtual spaces, the digital consumer, the virtual scholar, mobile information (information on-the-go), e-books, e-journal usage; the evaluation of digital platform and user needs analysis. Currently he is working on the following research projects: Europeana, PEER (Publishing and the Ecology of European Research) and an investigation of Turnaways (people refused access by publisher websites).

WEDNESDAY 27 JUNE 2012
16:00–16:30
Parallel Session I.1

Sven Vlaeminck, Leibniz Information Centre for Economics (ZBW) (Germany)

Data Management in Scholarly Journals and Possible Roles for Libraries – Some Insights from EDaWaX

Empirical studies are increasingly important in many disciplines. This is also the case in Economics, where a rising number of journals publish empirical papers in which authors have used datasets for their research. However, so far there have been few means of replicating this research data within the framework of the corresponding article and of verifying the results claimed in an empirical paper.

The DFG (German Research Foundation) funded project EDaWaX is intended to meet these challenges. One of the project's main objectives is to develop a publication-related data archive for journals.

In the first approach to the requirements for such a data archive, EDaWaX examined almost 200 economics journals in regard to their data management policies. In this paper we outline the results of the study: we will evaluate how many journals have a data policy, how these policies are structured and what kind of materials (e.g. data; code; programs) authors need to submit besides their manuscripts.

The presentation will also show the criteria we chose to group the data policies in regard to their suitability for replication purposes. Based on the results we will present best practices and guidelines for data policies in the field of economics.

To gain a deeper insight, EDaWaX also developed a questionnaire for interviewing the editors of the journals. We wanted to know more about their experiences with data policies, but the technical infrastructure, software and metadata in use are also relevant for the project's outcomes: the experience with the policies, the suitability of a policy for enabling replications as well as the technical infrastructure and metadata in use are important pieces of information for creating a publication-related data archive in the course of the project.

In our opinion, the linkage between publications and their underlying research data is an interesting role that libraries could fulfil in the future. Replication is a cornerstone of scientific method – and libraries would be well advised to support these processes in co-operation with data centres, editors, publishers and researchers. Our presentation will assess roles and responsibilities in such co-operation.



Sven Vlaeminck is Project Manager for the EDaWaX (European Data Watch Extended) Project at the German National Library of Economics/Leibniz Information Centre for Economics (ZBW) in Hamburg, Germany.

After studying Political Science at the University of Göttingen, Sven started working for national and European projects on research data management and digital preservation in 2008. In 2010 he moved to Hamburg, and joined the Leibniz Information Centre for Economics (ZBW). After working on a project that co-operatively implemented a digital preservation system, he now works as Project Manager for the European Data Watch Extended project. One of the aims of this project is to establish a publication-related data archive for scholarly journals in the field of economics.

WEDNESDAY 27 JUNE 2012
16:00–16:30
Parallel Session 1.2

Dr Paul Ayris, UCL (University College London) (UK)

Wealth, Fame and Good Looks?: The Current Financial Crisis and European Research Libraries

This paper looks at the effects of the current financial crisis engulfing European economies, particularly in Eurozone countries, where 2012 is predicted to be the worst year yet.

The paper looks at a number of measures that libraries can take to tackle the threats which the current financial crisis poses.

The first area to be examined will be procurement of e-content, where in 2010–2011 JISC Collections saved £50 million in efficiency savings for British universities. The example of the Big Deal as a business model will be examined to see whether this model itself is a cause of or a cure for economic instability. An alternative infrastructure for e-procurement in the UK, based on true national deals, is also suggested.

Innovation through shared services is an important way in which libraries can share costs and innovate in service delivery. The paper gives two examples – one which is now well established, the DART-Europe portal for Open Access e-theses; and one which is in the early stages of being discussed – a cloud-based solution for true collaborative cataloguing amongst the UK's research and national libraries.

The ability of libraries to fundraise is examined and potential solutions discussed, including a discussion of the skills staff require. The principles of philanthropic fundraising are discussed – this model is particularly embedded in the Anglophone world. This model is compared to project funding. The benefits of this approach (strategic and financial) are identified with particular reference to LIBER's EU project portfolio.

Ellen Collins, Michael Jubb, Research Information Network (UK)

Supporting Better Knowledge Transfer: Information Handling in Collaborative Research

Public policy makers have shown a growing interest in collaborative research, where academics work with public, private or third sector partners on a joint project that supports the partner's aims. The partner benefits from expert contributions to their research and development, while the university gains private funding to supplement their increasingly tight budgets. As these partnerships become more common, university services must consider how best to support them.

Librarians must ask some particularly important questions about supporting researchers in collaborative projects. Recent studies have shown that researchers outside academia behave differently from their university counterparts when it comes to sourcing, accessing and using information. Information handling in collaborative partnerships therefore has distinctive characteristics which must be understood if librarians are to help such partnerships succeed.

This paper uses data from a Research Information Network study on information handling in five collaborative research projects. The interviews, focus groups and workshops suggest that:

- Information handling practices are shaped by the particular conditions and pressures within each collaboration, including the needs, cultures and desired outcomes for each partner.
- Openness is often desired by one partner but restricted by the needs of others, unless it was built into the project aims.
- Researchers do not make effective use of new technologies which could help them share information more effectively, but do not believe that this affected project outcomes, so there is little motivation to change.

Change and growth can come through changing policy and legal frameworks. Current developments in copyright reform in the UK (based on the Hargreaves Review) and current work in Europe to frame a Directive on Orphan Works will be analysed and discussed. The work of libraries in contributing to this debate through fora such as the Copyright for Knowledge alliance (UK) and Information Sans Frontières (a European lobbying alliance, of which LIBER is a member) is also discussed.

Inevitably, libraries will still have to make cuts and the paper will show how management information at a detailed level needs to be collected which will allow evidence-based decisions to be made on where cuts could fall. Examples of good practice from libraries will be presented.

The paper will conclude by identifying a new model which libraries can use in the current financial climate, and which is applicable across Europe.



Dr Paul Ayris has been Director of UCL Library Services since 1997. He is also the UCL Copyright Officer.

Dr Ayris is the President of LIBER (Association of European Research Libraries). He is also Chair of the LERU

Scholarly Communications Group from the League of European Research Libraries. He chairs the OAI Organizing Committee for the CERN Workshops on Innovations in Scholarly Communication. He is the incoming Chair of JISC Collections' Electronic Information Resources Working Group and was, until recently, a member of the NSF-funded Blue Ribbon Task Force on economically-sustainable digital preservation.

He has a PhD in Ecclesiastical History and publishes on English Reformation Studies.

- Trust is essential to effective information sharing, but commercial researchers are generally unwilling to share all their data with academic partners.

Overall, information handling in collaborations is not as effective as it could be, and opportunities to make the most of research outputs (including data sets) are being missed. Librarians could help improve information management and provide guidance to both sets of researchers in order to improve the reusability and impact of collaborative research outputs. But to do this, they must become trusted partners within the research process, involved from the very beginning and providing advice and support which helps researchers understand how better information management will help them meet their project aims more effectively.



Ellen Collins is Research Officer at the Research Information Network, where she has initiated, developed and managed projects on a range of areas relating to researchers' information behaviours. She is particularly interested in how academic

researchers adapt their practices to engage with new technologies, and has worked on a number of projects looking at researchers' use of web 2.0 technologies. She is also interested in the differences between information behaviours in academia and in other research-intensive sectors, and has recently completed projects on information practices in research collaborations between universities and non-academic institutions, and on the gaps in access to research outputs in academic and non-academic settings. Prior to joining the Research Information Network, she worked for the Museums, Libraries and Archives Council, managing a major project on knowledge transfer in cultural institutions.

WEDNESDAY 27 JUNE 2012
16:00–16:30
Parallel Session 1.4

Marcel Ras, National Library of the Netherlands (The Netherlands)

The International e-Depot to Guarantee Permanent Access to Scholarly Publications

The international e-Depot of the KB is the long-term archive for international academic literature for Dutch scholars. This archival role is of importance because it enables us to guarantee permanent access to scholarly literature. National libraries have a depository role for national publications. The KB goes a step further and also preserves publications from international, academic publishers that do not have a clear country of origin. The next step for the KB is to position the international e-Depot as a European service, which guarantees permanent access to international, academic publications for the entire community of European researchers. The trend towards e-only access for scholarly journals is continuing rapidly, and a growing number of journals are 'born digital' and have no printed counterpart. For researchers there is a huge benefit because they have online access to journal articles, anywhere, any time. The downside is an increasing dependency on digital access. Without permanent access to information, scholarly activities are no longer possible. But there is a danger that e-journals become "ephemeral" unless we take active steps to preserve the bits and bytes that increasingly represent our collective knowledge. We are all familiar with examples of hardware and software becoming obsolete. On top of this threat of technical obsolescence there is the changing role of libraries. In the past libraries have assumed preservation responsibility for material they collect, while publishers have supplied the material libraries need. These well understood divisions of labour do not work in a digital environment and especially so when dealing with e-journals. A number of initiatives have emerged in an effort to address these concerns. Research and developments in

digital preservation issues have grown mature. Tools and services are being developed to help perform digital preservation activities. In addition, third-party organizations and archiving solutions are established to help the academic community to preserve publications and to advance research in sustainable ways. As permanent access to digital information is expensive, co-operation is essential, each organisation having its own role and responsibility. The KB has invested in order to take its place within the research infrastructure at European level, and the international e-Depot serves as a trustworthy digital archive for scholarly information for the European research community.



Marcel Ras is Programme Manager for the International e-Depot at the KB. As programme manager he is responsible for the development of the international e-journals archiving programme of the KB. Until September 2011 he

was Head of the e-Depot Department of the National Library of The Netherlands (KB) and in this function responsible for the e-Depot operations. He received his M.A. degree from Nijmegen University in the fields of Ancient History and Archaeology in 1992. After some of years of Archaeological field survey in different countries, he joined the Post-Graduate training on Historical Information Processing at Leiden University as Head and teacher of the training school. From 1999 to 2005 he worked as a consultant for the Digital Heritage Association and was involved in many digitization- and standardisation projects in The Netherlands. As of 2005 Marcel works for the National Library of the Netherlands, first as Project Manager Web Archiving, and since 2007 as Manager of the e-Depot department. Marcel is still involved in training and teaching at Leiden University in the field of digitization and digital preservation.

WEDNESDAY 27 JUNE 2012
16:30–17:00
Parallel Session 2.1

Adrian Pohl, North Rhine-Westphalian Library Service Center (hbz);
Felix Ostrowski, Berlin School of Library and Information Science, Humboldt University of Berlin (Germany)

Building an Editable, Versionized LOD Service for Library Data

Linked Open Data has gained a lot of attention over the last two years, with projects moving increasingly from theory to practice. The library domain is gearing more and more towards the technical and legal issues implied by this paradigm shift, with the recent announcement of "A Bibliographic Framework for the Digital Age" (www.loc.gov/marc/transition/news/framework-103111.html) by Library of Congress and the Conference of European National Librarians affirmation of open licensing for their data (app.e2ma.net/app2/campaigns/archived/1403149/f14691f55d5483aff43360a9b4aa7d35) being only two examples. In August 2010 the hbz launched its experimental linked (open) data service lobid.org (lobid.org) comprising two services: bibliographic resources ([lobid-resources](http://lobid-resources.org)) and an index of libraries and related organisations ([lobid-organisations](http://lobid-organisations.org)): lobid.org fully employs linked data principles as well as – whenever possible – open data principles. Since 2010 the two lobid.org services and their underlying data have been continuously improved:

Information is being added by improving the RDF representation by adding more fields from legacy data to the mapping and revising vocabulary and property choices.

Context is being added by linking resources to other linked data sets.

Interaction options for end users are being improved, e.g. by a search engine interface and aligning the user interface of both sub-services.

Editing options are gradually built in an online editing form, corresponding with the planned versioning of the RDF data.

This talk will start with a general introduction to lobid.org and then focus on the general presentation and editing framework which has been developed by the hbz: Phresnel (<https://github.com/lobid/Phresnel>). With Phresnel, native RDF web applications can be implemented so that RDF data can be created and edited on the web. In lobid.org, opportunities for future cataloguing environments are explored with Phresnel.

Phresnel is written in PHP and builds on the Fresnel Display Vocabulary for RDF (www.w3.org/2005/04/fresnel-info), hence its name. It is free software.



Adrian Pohl has been working in the Cologne-based North Rhine-Westphalian Library Service Center (hbz) (lobid.org/organisation/DE-605) since 2008. His main focuses are Open Data, Linked Data and its conceptual, theoretical and legal implications.

Since June 2010 Adrian has been co-ordinating the Open Knowledge Foundation's Working Group on Open Bibliographic Data.

Adrian studied Communication Science and Philosophy in Aachen and has a Master's degree in Library and Information Science from Cologne University of Applied Science. He writes at Übertext: Blog (www.uebertext.org), openbiblio.net (openbiblio.net/author/acka47) and on Twitter (twitter.com/acka47) about the Internet, libraries and metadata and Linked Open Data.

WEDNESDAY 27 JUNE 2012
16:30–17:00
Parallel Session 2.2

Bas Savenije, National Library of the Netherlands (The Netherlands)

Integrating a National Library and National Archives

In December 2011 the Minister of Education, Culture and Science decided that the National Library of the Netherlands (KB) and the Dutch National Archives (NA) should be integrated into one organization. This integration is a logical continuation of the substantial co-operation between both institutions and is in line with the aim to make the government more compact. The KB is an autonomous administrative authority; the NA is an agency of the Ministry. The planned launch date for the new organization is 1 July 2013.

Merging a national library and national archives was not a common practice in the age of paper. Although both organizations serve more or less the same target group, unpublished (archival) and published (library) documents require different kinds of storage and classification. In the digital age the differences are much smaller, and the challenges entailed in digital preservation and classification are more or less the same.

The process for the merger is firmly based on already existing co-operation. The aim is to integrate information services, the back office as well as corporate services, as much as possible. Especially in the field of innovation (digital services and digital preservation), the synergy between both organizations will yield added value.

The paper describes:

- The background for the merger and existing co-operation in the recent past.
- The strategy for the new organization and its relations to the present strategies of KB and NA.
- The principles leading to the new combined organizational structure and the advantages in efficiency.

- The accommodation consequences and the way they are (to be) solved.

Special attention is given to the organization of the process that will lead to the integration. It will describe the way commitment to the new organization is enlarged, by communication policy and staff involvement in the strategy development.

The conclusion will present a first, preliminary evaluation of the opportunities and threats.



Bas Savenije graduated in Philosophy in 1977. Since then, he has held a range of positions at Utrecht University, among which Director of Strategic Planning and Director of Budgeting and Control. From 1994 until 2009 he was University

Librarian of Utrecht University, managing the comprehensive university library. He initiated a pervasive innovation programme for the Library aimed at implementing and continuously improving electronic services. One of the results was the e-press for electronic publishing and archiving services within Utrecht University Library.

Since June 2009 Bas has been Director-General of the National Library of the Netherlands. He is Chair of the Board of FOBID (the Dutch Federation of Organizations in the Field of Libraries, Information and Documentation), member of the Board of LIBER (Association of Research Libraries in Europe) and Chairman of the Board of Directors of SPARC Europe. See also www.kb.nl/savenije

WEDNESDAY 27 JUNE 2012
16:30–17:00
Parallel Session 2.3

Antony Brewerton, University of Warwick (UK)

Re-skilling for Research: A Report into the RLUK Investigation into the Role and Skills of Subject and Liaison Librarians Required to Effectively Support the Evolving Information Needs of Researchers

The research environment is changing: the information needs of researchers are developing fast, and more and more universities are placing research at the centre of their strategic agendas. How are higher education libraries responding? Investigations have shown that despite some developments, our activities and focus remain largely traditional. Many libraries are keen to grow their research support but are not sure where to start.

This is what lay behind the Research Libraries UK project (2010/11) “to map the information needs of researchers onto tasks to be undertaken by “subject librarians” and to develop the skills sets of existing staff to ensure they meet the needs of a constantly changing research environment”. Areas of investigation included a review of “subject librarian” roles, a review of the skills sets required to support researchers, a review of training and development activities currently available in the sector, plus a review of models of information support available for researchers.

Using a “research life cycle” approach, thirteen steps of research activity were identified, ranging for conceptualisation of research projects, to information retrieval, to information management and issues around managing and promoting outputs. A review of the literature and questionnaire responses identified areas of high activity for “subject librarians” (usually around information retrieval), areas of very limited activity and (most

interestingly) emerging areas/potential next step activities.

But are we equipped as a profession to take up these opportunities? The project also asked colleagues to review 32 skills and knowledge areas. Investigations showed areas deemed to be of growing importance in the coming years, areas considered unnecessary and areas that will become increasingly important but where "subject librarians" currently lack skills. Training and development is of course important and the project report includes tools that can be used by institutions for training needs analysis of existing staff. For new posts, an appendix provides "building blocks" to help managers build job descriptions covering innovative activities. Sharing of good practice will also help the profession to move forward and the report (with its extensive bibliography) details relevant case studies.

This session will give an overview of the RLUK project outcomes and examples of how research support – and the research support role – is being developed in the UK.



Antony Brewerton is Head of Academic Services for the Library at the University of Warwick. He is Chair of the Research Libraries UK project looking into the future skills required by subject librarians to support researcher needs effectively in an ever-changing

research environment. Antony has previously been Editor of *SCONUL Focus*, the journal of the UK's Society of College, National and University Libraries, the Honorary Secretary of the Multimedia Group of the Chartered Institute of Library and Information Professionals, and the UK Library Association's National Academic Co-ordinator for National Libraries Week. He is a qualified librarian and Fellow of CILIP. He is also a qualified marketing professional, a member of the Chartered Institute of Marketing and an award-winning library marketer. Antony has published widely and is twice winner of the UK Martin Award for his articles. Antony regularly tutors on LIS courses and has presented papers internationally on library marketing, service enhancements and staff development issues.

WEDNESDAY 27 JUNE 2012
16:30–17:00
Parallel Session 2.4

Chloé Martin, Internet Memory Foundation (France); Della Murphy, National Library of Ireland (Ireland)

How to Face the Challenges of Web Archiving? The Experiences of a Small Library on the Edge

The National Library of Ireland has been collecting, promoting, preserving and making accessible the documentary and intellectual output of Ireland for over 125 years. Faced with the challenge of remaining relevant in the face of substantial economic upheaval and the explosion of new digital collections, we are responding in two ways. Firstly, by looking inward: leveraging our core collection strengths and applying the knowledge gained over those 125 years to new collections; and secondly, by looking outward from our island base on the periphery of Europe, towards collaborating opportunities with an experienced partner in the cultural and heritage web archiving area.

In 2011 we collaborated with the Internet Memory Foundation, which provides web archiving services and open access to collections, in relation to two web archiving projects, collecting a sample of sites at the time of the Irish General Election and, later in the year, a Presidential Election. This initiative was a response to political events of such historical importance, that they were deemed impossible to ignore, despite the fact that as an organisation we were not exactly where we wanted to be in relation to our digital collection activities. Therefore, we are able to provide an analysis of the specific challenges faced by an organisation such as ours, ranging from pan-European issues such as dwindling financial resources and the challenges of digital preservation, to specific organisational issues of size, skills and structure.

We examine how collaboration can help bridge the gaps in knowledge and technical know-how

for an organisation such as ours, and how it facilitated participation in the digital collecting world in a way that would not have been possible on our own. We also examine how external events forced our entry into the web archiving world before we felt we were ready, and describe project activities through its various stages: project definition, selection, permissions, crawling, QA, and access. In keeping with our own organisational strategic goal of increasing online access, we discuss access issues and initial user results and feedback for the collections.

Our conclusion is that by building on our own existing organisational strengths and using a collaborative model, it is possible to “just do it” in relation to web archiving. The price of not capturing this information is too high and there is no right time to enter the arena.



Since 2010, **Chloé Martin** has been Business Developer at the Internet Memory Foundation. She works on increasing heritage institutions' awareness of Web archiving. For this, she participates actively in many international conferences organized by

and for libraries, archives, audiovisual archives and museums, such as LIBER, ICA, FIAT/IFTA or Museum and the Web. Two years ago, within the framework of the European Research project Living Web Archives, she carried out a survey on Web archiving among European and International institutions. The aim of this survey was to draw up an inventory of Web archiving institutions and to have a clearer understanding of problems encountered in the field of Internet archiving.

Moreover, she puts in place Web archiving services for current and new Internet Memory partners and customers and aims at developing new activities for the Foundation dealing with this field, including developing the use of the Archivethe.net platform.



Della Murphy is currently Born Digital Programme Manager in the National Library of Ireland. She is an Archivist by profession, and previous employments have included work at the National Archives of Ireland. In 2011 she managed two web

archiving projects in collaboration with the Internet

Memory Foundation as part of the National Library of Ireland's work in relation to the collection of born digital material.

WEDNESDAY 27 JUNE 2012

17:00–17:30

Parallel Session 3.1

Natalia Timiraos, BioMed Central (UK)

Open Access and Threaded Publication

BioMed Central advocates free and complete access to scientific research. This is often associated with the publication of full Open Access journals. However, BioMed Central has decided to take this concept a step further and look at the possibility of access to scientific data and its connectivity with related content.

Scientific communication can now claim to have taken a step forward in connectivity and transparency with the introduction of “threaded publications”. This concept seeks to address the current problem of disconnected articles and sound research failing to be published, by providing a complete solution.

Altman and Chalmers presented a solution in their 1999 article in *The Lancet*: “Electronic publication of a protocol could be simply the first element in a sequence of “threaded” electronic publications, which continues with reports of the resulting research.... followed by deposition of the complete data set.” Presently, researchers are required to register their trials in internationally recognized databases, before publishing their research in their chosen journal and increasingly their summary results in clinicaltrials.gov. This often makes it hard to follow research from conception to publication. What has been needed is a publication platform to unify all the steps of the research and publication process and incentives for authors to publish results regardless of the study outcome.

We propose a solution in the form of “threaded publications”. This allows seamless links between trial registration records, protocols and results with the aim of helping scientists, read-

ers and patients find more complete information about a treatment, and help reduce the potential for wasteful duplication of research efforts. As Professor Altman recently stated, the "initiative facilitates the publication of a series of linked publications from a single trial beginning with the study protocol and continuing with reports of the resulting research and deposition of the complete data set."

This presentation will seek to demonstrate how threaded publications can work in practice and will discuss the benefits such an initiative can bring to scientific communication.



Natalia Timiraos graduated from University College London with a BA (Hons) in Linguistics. Having joined BioMed Central, the open access publisher, in 2006, Natalia's core role is to promote open access throughout

Latin America, Australasia and Eastern Europe. In addition to this, she is responsible for creating institutional partnerships with Biomed Central, which have proved vital in the communication and promotion of open access to a large part of the world.

WEDNESDAY 27 JUNE 2012

17:00–17:30

Parallel Session 3.2

Margret Plank, German National Library for Science and Technology (Germany)

A Portal for Scientific Audiovisual Media: Analysing User Needs

The supply, use and significance of non-textual media such as audiovisual media, 3D-objects and research data is continually increasing in the areas of research and education and only a tiny proportion of these materials can be searched and used at this present time. The German National Library of Science and Technology (TIB) is building up a Competence Centre for non-textual materials with the goal of fundamen-

tally improving access to and use of non-textual objects and enabling new forms of usage for existing inventories.

In this context the TIB, in association with the Hasso-Plattner Institut for software system technology at Potsdam University (HPI), is developing a web-based platform for audiovisual media. The forthcoming audiovisual portal optimises access to and the use of scientific films from the fields of technology and the natural sciences such as computer animations, lecture and conference recordings.

Along with other research institutes, the TIB is developing new, or is converting known, multimedia analysis methods such as form, speech or structure recognition in order to create additional content indexing and structural metadata which will help users with their search. Among the tools which support the video search is, for example, a visual index as well as navigation via visualised audio-text by means of automatic voice recognition. These tools are designed to make searching for, and in, audiovisual media as easy as it already is for textual information. The audiovisual media will be linked, via the TIB portal GetInfo, with other research information such as (digital full) texts, numerical data and facts as well as research primary data. They will be clearly referenced by the allocation of a Digital Object Identifier (DOI).

In order to ensure the future accessibility and usability of knowledge via the audiovisual Portal, the development is accompanied by user-centred methods such as Personas, Focus Groups, Prototyping and Usability Testing. A needs analysis was carried out and on that basis a low-fidelity prototype was developed and optimised in several iterative design steps. This paper describes the user-centred design process, the key findings and a first prototype of the audiovisual Portal.



Margret Plank received a MA degree in Information Science with a focus on Information/Multimedia Retrieval, Usability and Media Studies from the University of Hildesheim, Germany, in 2003.

From 2003 until 2007 she was Scientific Assistant at the Information and Communication Department of the University of Hildesheim, where she was responsible for various e-Learning projects and activities.

From July 2007 until August 2009 she was in charge of the information literacy activities at the German National Library for Science and Technology (TIB), including programmes, courses, learning material, websites and social media.

Since February 2009 she manages the Competence Centre for Non-Textual Material at the German National Library for Science and Technology (TIB). The main aim of the Competence Centre is fundamentally to improve the conditions for access to and use of multimedia objects in research and education and to enable new forms of use for existing stocks.

WEDNESDAY 27 JUNE 2012 17:00–17:30 Parallel Session 3.3

Chantal Keijsper, Leiden University Libraries; Astrid Verheusen, National Library of the Netherlands (The Netherlands)

Emerging Leaders in Libraries: In Search of Success Factors for Future Library Leaders

In 2011 LIBER launched an international leadership development programme aimed at future library leaders. The programme focused on the development of skills to lead organizations in an environment of increasingly rapid change.

Sixteen participants – all library staff members who were already in positions of senior management, but who wished to do more to enhance their leadership qualities – took part in the programme. Two intensive seminars were offered in Barcelona and in Tartu. During the year all participants followed an internship in a library somewhere in Europe.

In the presentation experiences and learning points will be shared and feedback will be given on the programme. Different kinds of management styles and factors for leading a library successfully will be discussed.



Chantal Keijsper (1965) is Manager of the Special Collections Division and Technical Services Division at Leiden University Libraries, The Netherlands. From 2001–2007 she worked at the Royal Library (The Hague), first as Project Manager for the national “Metamorfoze Programme”, then as Head of the Information & Collections Department. She began her career at Amsterdam University Library, where she worked as an assistant manuscripts curator and subject librarian. She is Chairman of the Board of the national Special Collections Division (UKB).



Astrid Verheusen (1967) holds a Master’s degree in History and has been working at the National Library of the Netherlands since 2001. She has many years of experience in research and development projects in the field of digitisation, digital preservation and IT. She currently heads

the Innovative Projects Department and is Programme Manager for the Library’s Digital Library Programme.

Both Chantal and Astrid participated in the LIBER Leadership Programme.

WEDNESDAY 27 JUNE 2012 17:00–17:30 Parallel Session 3.4

**Wojtek Sylwestrzak, Tomasz Rosiek,
University of Warsaw (Poland)**

SYNAT – the Polish National Research Content Infrastructure

SYNAT is a Polish strategic programme to build a national research and technology information system. The co-operative project among leading universities, libraries, research institutes and museums will result in building an information infrastructure seamlessly integrating Polish heterogeneous digital research content resources. The integrated content will include not only research

publications in science but also in arts and humanities, social sciences, library catalogues and databases, as well as other, non-textual entities or data. Besides the content, an open software platform will be used to integrate existing digital library and other repository services across the country. User access to the distributed infrastructure will be provided through a central scholarly communication portal, providing not only integrated access to the contents but also a number of social and analytical services. The portal will transparently provide both open and restricted access contents. Currently, an open software platform is being developed to allow for easy creation of the required DL applications as well as for flexible integration of a number of existing services. In the paper we present the goals of the project, the architecture and the capabilities of the software platform and the functionalities of the access portal built upon it. We also present the internationally unique extensive experience of many years of maintaining a large-scale (over 10 million full-text publications) heterogeneous digital library system and of providing a country-wide access service to the scientific journals of major international publishers, such as Elsevier and Springer, made available under national licenses. Finally, we discuss future plans for integrated infrastructure exploitation and development.

Wojtek Sylwestrzak is Head of the Centre for Open Science and Deputy Director of the Interdisciplinary Centre for Mathematical and Computational Modelling at the University of Warsaw, Poland. He has a Diploma in Applied Mathematics from the University of Warsaw. Wojtek has participated in a number of national and international research projects related to large-scale digital content management and provisioning systems. Among others, he is currently responsible for the Polish National Virtual Library of Science, and is the partner leader for the Polish national research information infrastructure "SYNAT", OpenAIREplus and the European Digital Mathematics Library (EuDML) projects. During his work at the university, he has participated in a number of international task forces, programme committees and spoken at international conferences. His current primary interests include scalable search systems, distributed data architectures and data and text-mining technologies.

THURSDAY 28 JUNE 2012

9:00–9:30

Parallel Session 4.I

Dr Klaus Ceynowa, Bavarian State Library (Germany)

Mobile Use Scenarios for Digital Content and Digital Services – the Bavarian State Library “Ludwig II” Augmented Reality-App

The transition from the stationary to the mobile Internet is more than a technology change regarding the use of digital information. It basically represents the transition to the omnipresent Internet, penetrating all areas of life, the “all-pervasive Internet”, which is fully integrated into our daily lives and social routines. Digital, usually multimedia-based, information is no longer something that is retrieved or located by the user at an “Internet workstation”, but surrounds the user wherever he/she goes and is ubiquitously available. Augmented reality, representing a combination of real world and digital information, is doubtlessly a paradigmatic use case of this new digital ecosystem. “Augmented reality” refers to the computer-based augmentation of the visual perception of reality, primarily the overlay of the camera images of mobile devices with digital information or virtual objects.

The Bavarian State Library in Munich, one of Europe’s major research and universal libraries, has been experimenting for some years in the field of diverse innovative “channels” and services – mobile apps, augmented reality and gesture-based computing – to provide future-oriented user experiences with digital services and digital content.

Recently, the Bavarian State Library has developed the location-based services App “Ludwig II” for smartphones. The App provides the user with topic-specific multimedia-based information in a context-sensitive fashion at original locations which are connected with the life and work of the famous “Swan King”. The smartphone

camera is used to capture objects relating to Ludwig II, and information complementing the camera image (texts, videos, sound, 3D animations) is overlaid in real time. The "Ludwig II" App employs cutting-edge technology (e.g. 3D pattern recognition), giving an example how unique library content can be made available in the mobile use scenarios of the digital world. Information is connected to real world locations (where people need it most) and to individual activities and needs "on the spot" (when people need it most).

The presentation will give an overview of the challenges of combining unique library content with state-of-the-art mobile technologies and will discuss future opportunities for providing fascinating and immersive user experiences made possible by these technologies.



Dr Klaus Ceynowa is Deputy Director-General of the Bavarian State Library in Munich, Germany. His main fields of work are strategic and financial planning, human resources management, and controlling and marketing for libraries in the digital

age. He was responsible for negotiating the contract between the Bavarian State Library and Google for the digitisation of the complete copyright-free collections of the Library from the 17th to the 19th centuries, comprising more than a million books. He is deeply engaged in all innovative projects in the Bavarian State Library, e.g. 3D-Internet applications, ScanRobotics, technologies for long-term digital preservation, Web 2.0 services, linked open data, gesture-based computing, and Mobile Applications as well as Augmented Reality tools for libraries.

THURSDAY 28 JUNE 2012
9:00–9:30
Parallel Session 4.2

Simone Kortekaas, Utrecht University Library (The Netherlands)

Thinking the Unthinkable: A Library without a Catalogue

In 2011 this very idea was the starting point for reconsidering the future of discovery tools for Utrecht University Library.

Like every other library, we have always offered our users a catalogue. In 2002 we built our own discovery tool aimed at finding electronic journal articles. We called it Omega and it immediately became a huge success. We were able to explain this division to our users. Looking for print material? Search the catalogue. Looking for electronic journals? Search Omega.

In the last few years, things have been changing rapidly. New commercial discovery tools such as Primo and Summon entered the library market and we lost our pioneering role.

Meanwhile more and more users are finding their way to our licensed journals through larger and stronger search engines like Google Scholar: freely available on the Internet and containing massive amounts of scientific material. But our users also switched to databases we paid for such as Web of Science and Scopus. Statistics showed that the use of our library catalogue and Omega was decreasing whereas the use of our licensed journals was still growing.

The time had come to rethink the future of our library discovery tools.

In the summer of 2011, a small study group was formed to start investigating the succession of the catalogue and Omega. Instead of looking for commercial discovery tools, we tried to view the situation from the perspective of our users. They are on the Internet and use Google or Google-like discovery tools. There they find the content they need and next expect the library to deliver the goods. If this is the world of our users, if this is the reality, if big commercial companies are

able to offer freely accessible search engines containing scientific content, why then should we do our best to pull our users back to our library catalogue? What will our users be missing if we should decide to leave the discovery side of our services to parties that are far better equipped to build, keep up and constantly update their products? What would happen if we, as a library, should focus on the delivery part of the job?

Starting the investigation from this point of view turned into a thrilling voyage of discovery leading to a bold and unconventional outcome.



Simone Kortekaas has been Head of the Information & Marketing Department at Utrecht University Library since 2008. The department includes Reference Staff, Special Collections and the Open Access Publishing Team.

She is especially interested in the opportunities new technology provides to improve the work of scholars, university teachers and students with respect to producing, managing, archiving and finding the scientific information they need. The effective support of the research and teaching mission of Utrecht University is key in her work.

Simone has experience in leadership roles in several Dutch libraries. In the 1990s she started her career at Pica Library Automation. She has a broad background in the library field, back office as well as front office, library automation and ICT as well as managerial skills.

THURSDAY 28 JUNE 2012

9:00–9:30

Parallel Session 4.3

Esa-Pekka Keskitalo, National Library of Finland (Finland)

Enterprise Architecture: Experiences in Library Context

Enterprise Architecture (EA) is a set of principles, methods and models that are used in building and improving an enterprise's organisation, processes, information systems and infrastructure. Typically, an EA describes the enterprise from four aspects: business processes, data flows, ICT applications and technologies. The objective of an EA is to ensure that the needs of several operations are taken into account in a consistent manner when developing functionality and ICT solutions. An EA is a method of understanding the present state of an enterprise, but it also provides tools for planning for the future and managing change.

The Finnish Government has increasingly endeavoured to make better use of ICT investment. Removing overlaps, increasing interoperability, and promoting shared services are some of the practical ways to achieve this goal. EA is the tool adopted to identify problems and chart better solutions. The recent Act on the Supervision of Data Administration calls for the creation of an EA for the whole of the public administration. As part of the overall effort, Finnish libraries, museums, and archives were required to put together an integrated EA, especially regarding systems and services related to the National Digital Library Initiative. At the same time, the National Library of Finland has been describing its own EA.

This paper gives a short introduction to the basics of EA. It provides a short presentation of the common EA for libraries, archives and museums mentioned above, and it describes how the work was organized. The main focus of the paper will be the process for EA work, not the outcome. We aim to share lessons learned that might be helpful to other libraries planning to exploit an EA method.

Creating an EA description is not a simple task. It necessarily involves many people but it also requires firm leadership. An EA process should avoid being perceived as pointing to shortcomings.

In our experience, one should not hesitate to adjust EA methods for the current context. For example, in the case described here, business and data architectures are emphasized over other aspects.

The EA exercise shows that Finnish libraries in general – and the National Library in particular – can make valuable contributions to the ICT infrastructure within the public administration. In particular, knowledge of metadata, ontologies, persistent identifiers, and authority control is in demand.



Information Systems Manager
Esa-Pekka Keskitalo works at the National Library of Finland. He is Head of the unit responsible for digital preservation. The unit is also responsible for web harvesting and collecting electronic legal deposit. He is also involved in projects promoting Open Access and institutional

repositories in Finland.

He participates in the Working Group responsible for the enterprise architecture collaboration among libraries, museums and archives. The group is part of the wider National Digital Library initiative, where he also represents libraries in digital preservation matters.

Esa-Pekka Keskitalo has been with the National Library since 2002. Before that he worked at the Undergraduate Library of the University of Helsinki, especially on developing digital library services for students. He has served on the Board of the National Library, and on the Board of the Finnish Research Library Association.

THURSDAY 28 JUNE 2012

9:00–9:30

Parallel Session 4.4

Susan Reilly, LIBER (The Netherlands)

The Europeana Libraries: What is the Added Value of a Library Domain Aggregator?

Europeana Libraries is a collaborative project involving 19 European research libraries.

Collaboration, within the context of this project, will ultimately deliver benefits to research libraries in four key areas:

- Efficiency
- Effectiveness
- Visibility
- Credibility

These benefits are achieved through the modelling of a single library domain aggregator service, the development of an online portal designed to meet the needs of the researcher, and the creation of a best practice network for the sharing and development of expertise in digitisation and metadata. At the core of these developments is an understanding of what added values a single domain aggregator can offer libraries and their researchers.

Ease of access and, particularly, the one-stop shop approach are favoured by researchers as a clean and efficient way to access digital content. Drawing on a combination of desk research and user studies, a portal has been developed to meet the specific needs of humanities and social sciences research. The new European Library portal will put a critical mass of bibliographic records, digital objects and full-text materials at the fingertips of digital humanities and social sciences researchers and provide them with the tools necessary to exploit this content.

For the libraries, the portal not only makes their collections more visible but also allows them to exploit collectively the position of the library as a trustworthy source of information. Quality-assured content is of the utmost importance to

the researcher. The sharing of best practice amongst the network and continued development of standards will ensure that content and metadata remains at the highest standard and will support libraries in working more efficiently in the areas of digitisation and metadata.

Underpinning the project and steering the development of services are the networks of CENL (Conference of European National Librarians), LIBER (Association of Research Libraries), and CERL (Consortium of European Research Libraries). Input from these networks has been collected to scope the services that their libraries require from an aggregator service and to build a better picture of the needs of their research communities. Ultimately, the result of this collaboration will be a quality and targeted library domain aggregation service developed by libraries, with the goal of bringing their content to researchers across the world.



Susan Reilly is LIBER Projects Officer. She manages LIBER's participation in several EU projects in the areas of Open Access, data exchange, digital preservation and digitisation. She holds an MSc in Information Management from the University of Sheffield, and has several

years' experience working across a range of libraries, including management of the Library service at the Irish Management Institute in Dublin. Her interests range from open data, in particular how it can be exploited to support research, collaboration and innovation, social media, library innovation and information literacy.

THURSDAY 28 JUNE 2012
9:30–10:00
Parallel Session 5.1

**Dr Paolo Sirito, Dr Liliana Gregori,
Dr Luca Losito, Università Cattolica del
Sacro Cuore (Italy)**

Bridging Boundaries: Mobile Technology as a Tool for Delivering New User-centred Reference Services for Researchers in the Humanities

The Library of the Catholic University in Milan currently serves more than 1,000 scholars across nine Faculties, with a special focus on the Humanities. Its Reference Room holds one of the richest collections (current and heritage) available in Italy.

As is known, the most important issue for researchers in this subject area is resource comparison and collation.

In order to keep track of library services' evolution, an observatory on innovation has been established and dedicated projects on major issues are currently carried out.

In 2011, attention has been given to the widespread adoption of mobile devices and their impact on user experience. The selected target was the Reference Room research community, mostly made up of Humanities scholars, who are usually regarded as less interested in technology-enabled tools.

The primary project scope has been the evaluation of the comparative usage of a selected number of resources in the Humanities across different formats (print/online) and technological platforms, with a special focus on mobile devices.

Over a six months' observation period, the research behaviour of a qualified research panel (30 scholars) was investigated by the library project team, skilled in User Experience analysis. Eighteen different resources available in the Reference Room were analyzed. For each one,

a set of comparative (print versus online) and integrative (print + online) tests were dispensed to users and specific use cases were developed.

In order to evaluate real life situations, a full range of mobile devices were trialled: ultra-portable PCs, tablets, large screen smartphones, e-book readers.

From the methodological perspective, different techniques have been used:

- Individual interviews
- Focus groups on specific topics
- Resource testing

The collected evidence shows that when engaged in research activities, Humanities scholars mainly focus on overall user experience (more than on the available tools) and show peculiar cognitive attitudes. Therefore, they are keen to adopt technologies, but only when their perceived value is clear and immediately available.

From this point of view, three different drivers have been found:

Findability, as a top issue in the information architecture of electronic resources

Simple and hassle-free user experience, to be embedded into emerging mobile devices

Cross-reference, as the opportunity – to be provided by LIS professionals – to connect different library resources in a single comprehensive framework.



Dr Liliana Gregori has a Master's degree in Modern Literature (1986) and a PhD in Philology, Language and Literature (1994) from the Catholic University of Sacred Heart in Milan, with a thesis on Library Sciences.

In 1994, she joined the Catholic University as part of the technical/administrative staff and in 1996 she began work in the Central Library. She currently works as Subject Librarian in the Reference and Cataloguing Services team and also acts as the local focal point for reference initiatives.

She frequently attends and speaks at academic and professional conferences on Library and Information Sciences topics.

She is currently working – along with other library colleagues – on a new joint project (Central Library/Research Office), aimed at promoting the advanced use of bibliometric methods and tools among researchers.

THURSDAY 28 JUNE 2012

9:30–10:00

Parallel Session 5.2

**Raymond Bérard, Agence
Bibliographique de l'Enseignement
Supérieur ABES) (France)**

Next Generation Library Systems: New Opportunities and Threats

OCLC WorldShare, Ex Libris Alma, Serials Solutions Intota and more to come: vendors actively promote their offer of next generation library systems, making traditional library systems look like dinosaurs. These innovative web-based services are a breakthrough on the market with very attractive features for libraries:

- No need to buy and host your own servers
- Streamlining processes, getting rid of redundant processes to focus on fulfilling the library's mission to its patrons
- A solution for managing all resources, both print and digital
- Sharing innovations on developers' platforms
- Sharing metadata on a global platform, getting metadata from the cloud
- Etc.

A growing number of libraries have taken the plunge although it is difficult to get any detailed information at this early stage. What are the possible drawbacks of these new systems? They face the usual suspicions of all cloud-based solutions: where will my data be, how reliable is the service? Can I really trust the vendors with their promise of 24/7 reliability?

Other factors need careful scrutiny:

- None of these systems seems to be fully operational yet

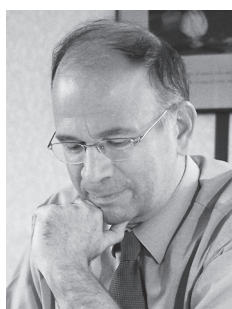
- Protection of personal data (readers' details), is very sensitive in countries like Germany or France, and may hinder these systems
- Libraries will rely on a sole vendor whereas most have bought their existing systems from different vendors: one for their library system, another for their link resolver or their ERMS, etc.

Without real feedback on these new systems by early adapters, should we believe all the vendors' promises on staff savings permitted by streamlining cataloguing and other processes? If they cut investment, are they really a bargain on running costs?

Who will own the data? Will libraries remain free to reuse their own data?

One major question is their impact on existing national cataloguing agencies. Their model is obviously being questioned by webscale management systems: who will need a national platform with a global webscale system? How should they prepare the transition? Is there still a role for national cataloguing agencies?

This paper will address all these issues. Webscale management systems are here to last and develop. What steps should libraries take to ensure that they wittingly take the right decision before switching to web scale? What are the sensitive points to which they should pay careful attention?



Raymond Bérard is Director of ABES. ABES (the Bibliographic Agency for Higher Education) is responsible for the union catalogue for French academic libraries. ABES is also involved in e-theses and develops new services to meet the expectations and information research practices of its users.

Former positions:

- Director of the French Academic Repository Library, Marne-La-Vallée (2004–2005)
- Dean of Studies at the French National Library School (ENSSIB) (2001–2004)
- Director of Clermont-Ferrand Public and University Library (1993–2001)
- Public libraries: Le Havre, Rouen, Amiens – Librarian of the French Institute, Teheran, Iran (1975–1977) and London, UK (1981–1986)

Professional Activities:

- Fulbright Scholar grantee (1980, 1998)
- Member of the SPARC Europe Board of Directors (Scholarly Publishing and Academic Resources Coalition) (2000–2008)
- President of IFLA Management and Marketing Section (2009)
- President of Information Section of the French Standards Authority (AFNOR)

THURSDAY 28 JUNE 2012

9:30–10:00

Parallel Session 5.3

Heidi Kristin Olsen, Vestfold University College (Norway)

Project Librarian

Academic libraries meet many challenges regarding their services towards researchers. As an example, it is evident that the role of libraries in researchers' information searching has become rather small, and is even decreasing.

A study from 2007 at Vestfold University College's Library (VUC, in Norway) demonstrated that there is great potential for increasing Faculty staff's use of the digital resources made available from the Library at VUC. These findings led the Library to give more attention to library services for this user group.

In 2009, the library at VUC initiated a study (named "Project Librarian") to investigate the possible effects of a librarian continuously participating in the research group.

The main research project in which the project librarian's role has been tested is called the "Kindergarten space, materiality, learning and meaning-making". This is a three-year project funded by the Research Council of Norway. In addition to two senior researchers and one project librarian, eight part-time researchers are also involved in this project.

An ethnographic design has been applied in the study. The researcher/project librarian has been a fully participating member of the research group throughout the project.

The empirical sources are:

- Semi-structured interviews with the project management and the participating researchers
- One short individual interview with all participants at the beginning of the project
- Several group interviews with most of the participants at the halfway mark of the project
- Observation and field notes

The results will be presented under these headings:

- Effects for the researcher, emphasizing information search behaviour and reference management skills
- Communication and information in and from the project
- Collaboration in writing a review article
- Effects for the library – internal, and at VUC in general

The librarian's role – a boundary person?

The study shows that a librarian as a member of a research group can have positive impact on researchers' work. Appropriate library services become more distinct. Ideas for and development of new library services for the user group evolve naturally during the process.

This is of course a minor study, and is insufficient to make generalizations about this matter. Still, the findings can be seen as interesting and worth taking into consideration in the further work of developing academic libraries' services for Faculty staff and researchers.



Heidi Kristin Olsen has been working as a senior librarian at Vestfold University College since 2003. She obtained a Master's degree in "Pedagogical Texts" in 2008. In her Master's thesis, she studied Faculty staff's use of

electronic resources offered by the Library.

Heidi continues to have a special interest in library services for Faculty staff and researchers and wishes to contribute to further development of these services.

Heidi Kristin Olsen has worked in different types of libraries, as well as in ICT-related positions, since she graduated from library school in Oslo in 1983.

THURSDAY 28 JUNE 2012

9:30–10:00

Parallel Session 5.4

**Jean-Marie Feurtet, Agence
Bibliographique de l'Enseignement
Supérieur ABES) (France)**

Uniting Heritage Digitization and EAD Metadata: "Calames Plus" Solutions and Other Tracks

Bringing description and access together is a most important underlying aim of research librarians since digital documents have begun to expand. While digitisation projects for heritage collections cannot be fully realised without quality descriptions at hand, repositories for digital surrogates and cataloguing projects have frequently been conceived independently and concurrently until now. Considering users' practices, it seems doubtful whether online bibliographies (especially union catalogues) of written and graphic documents will outlive their usefulness without embedding the management of and access to digitised documents.

Calames, a French heritage database (i.e. a catalogue of archives and manuscripts held by academic and research libraries) has been no exception to this general rule. Since 2008, both as a public catalogue and a shared cataloguing environment for the creation of finding aids, the main purpose of this project managed by ABES has been to provide tool kits for producing and displaying EAD data. How can users' strong demands for digital reproductions be placated without weakening such strategic fields of activity as metadata convergence between surrogates and originals and other quality requirements? This presentation will review the factors causing ABES to turn its catalogues towards digitised resources:

Its mission and skills for mutualisation and for carrying out collective projects

A number of digitisation initiatives for French special collections (especially medieval manuscripts)

A growing will to tackle major cataloguing “dead angles” in special collections in academic libraries: the processing of iconographic documents calls for putting bibliographic analysis and visual display together.

To address the kaleidoscopic issues of Calames’ network, ABES has developed a software extension called “Calames Plus”. This new set of services and devices tries to address a dual challenge. On the one hand, the option for any researcher or Internet user to append comments to Calames’ finding aids aims to gain alternative data; and on the other, librarians can load digital pictures and link them to their records, making them available through a specific viewer embedded in the catalogue. Although not thought of as a principal solution, “Calames Plus” is, however, a major part of a flexible and pragmatic range of “digitisation linking” solutions to be introduced more completely.



Jean-Marie Feurtet is a graduate of the *Ecole Nationale des Chartes (Paris)*. He has been responsible for the collections of the *Academic Library of Pharmacy (Paris, 2006–2010)*. He is now Curator at the *ABES Agency (Montpellier)* and is in charge

of the *Calames* catalogue.

THURSDAY 28 JUNE 2012
10:00–10:30
Parallel Session 6.1

Dr Licia Calvi, NHTV Breda University of Applied Sciences (The Netherlands);
Maria Cassella, University of Torino (Italy)

Scholarship 2.0: Analyzing Scholars’ Use of Web 2.0 Tools in Research and Teaching Activity

Over the past fifteen years the Web has transformed the ways in which we search for and use information. The past seven years have seen the emergence of a new array of innovative tools that go collectively under the name of “Web 2.0”, in which the information user is, by sharing or creating content, also increasingly an information producer (i.e. prosumer).

The success of Web 2.0 tools for personal goals is only partially replicated in the professional sphere – and, particularly, in the academic environment – to support research and teaching needs.

To date very few studies have explored the level of adoption of Web 2.0 among academic researchers either in their research activity (RIN, 2010; CIBER, 2011, Ponte and Simon, 2011) or in their teaching activity (Churchill, 2009; Ebner and Maurer, 2009; Grosseck, 2009), how and how much Web 2.0 is currently used among research communities, the drivers and the drawbacks of the use of Web 2.0 tools in academia.

To analyze these issues the authors carried out a survey among researchers at the University of Breda in The Netherlands.

The Netherlands was chosen mainly because it is a country at the cutting edge as far as innovation is concerned.

An important driver in choosing Breda University’s academic community was the fact that one of the two survey authors works as a senior researcher at the same university.

The purpose of our survey was to explore the level of adoption of Web 2.0 tools among research communities for the creation of scientific knowledge both in their research activity and teaching activity. We were also interested in analyzing differences in the level of adoption of Web 2.0 tools with regard to researchers' position, age, gender and research field.

In our study we also explored the issue of peer review in Web 2.0. We investigated in particular whether social peer review is regarded by researchers as a viable alternative to the current closed peer review system (single-blind or double blind). In conclusion, our results allowed us to present a comparative analysis with the survey carried out among researchers in the UK by the Research Information Network in 2009.

Dr Licia Calvi is Senior Lecturer and researcher at the Academy for Digital Entertainment at NHTV Breda University of Applied Sciences, where she teaches Interactivity and Interaction Design and at the Media Theory module within the Master of Media Innovation.

Before this, she researched and taught at several other universities in Europe, among them Trinity College Dublin (Ireland), the Technical University of Eindhoven (The Netherlands), the University of Parma (Italy) and the K.U. Leuven (Belgium).

She has a Master's degree in Philosophy from the University of Pavia (Italy); a Master's in Artificial Intelligence and Cognitive Science from the K.U. Leuven (Belgium); and a PhD in Romance Languages and Literatures from the University of Antwerp (Belgium), with a thesis on e-learning by means of a Web-based application.

Her research interests include interactivity and interaction design, digital libraries and interactive art.

She is a member of the Editorial Board of the *International Journal of E-learning*, of *Social and Humanistic Computing* and of *Technology Enhanced Learning*.

She currently coordinates the RAAK International project on "Biometric Design for Casual Games" (BD4CG).

THURSDAY 28 JUNE 2012
10:00–10:30
Parallel Session 6.2

Caren Milloy, JISC Collections; Gabriel Egan, Loughborough University (UK)

JISC eCollections: Putting Users in Charge of a Shared Service

The primary role of JISC Collections is the licensing of content on behalf of its UK higher and further education member organisations. Over the last ten years, JISC Collections has invested over £20 million in centralised licensing of historical book, journal and multimedia archives that are prohibitively expensive for individual institutions (or not even electronically available). Access to these archives has typically been via the publisher, some of whom levy annual charges over which JISC Collections has limited control.

In this context, JISC Collections sought to protect and preserve existing and future investments by developing JISC eCollections (www.jiscecollections.ac.uk), an independent service that provides a sustainable, value-for-money alternative to licensing content on commercial providers' platforms. In this way, the education community could take ownership of its acquisitions and be assured of future control.

JISC eCollections groups the three different content types (historic books, journals and multimedia) into specially developed platforms – JISC Historic Books, JISC Journal Archives and JISC MediaHub. Consolidating the range of licensed content simplifies both the user experience and the administrative management of licensed content, and increases the ease with which it can be exploited for teaching and learning.

The core vision of JISC eCollections is that it is a "community-owned content service" – that the education community take ownership of their content and developments to the service. Advisory boards consisting of librarians, teachers and researchers have been set up for each platform. The remit of these boards is to discuss new opportunities and to make sure that future

developments and content licensing support use in education and research.

This case study will present the rationale behind the service's development, some of the challenges overcome in developing a shared service and how the JISC Historic Books advisory board is working internationally to harness the power of the scholarly community to crowd-source corrections to the machine-created full text that accompanies the digitised book images. Inaccurate text means that words are not searched, connections are not found – researchers are unable to exploit the full value of digitised content. A highly innovative project, academics and students across the world will collaborate to make corrections that will be openly shared by all, for the benefit of scholarship.



Caren Milloy joined JISC Collections in 2003 and has negotiated a wide range of licence agreements for digital content on behalf of UK universities and managed several innovative and world leading projects. As Head of Projects, Caren manages an

extensive portfolio of projects to research changes in user behaviours, pilot new business models, create new tools and to develop new consortia licensing models to support UK higher and further education. Caren undertook the world leading JISC national e-books observatory which analysed use of e-books in higher education and the impacts on publishers' business models. An e-books expert, Caren has also managed an e-textbook business model pilot project and is currently managing the OAPEN-UK project, which is exploring open access monograph publishing in the humanities and social sciences. Caren has also managed projects on open access fees for journals and led the development and launch of the JISC eCollections service and its three content platforms. Caren has presented at many international events and conferences, including the O'Reilly Tools of Change publishing conference, the National Information Standards Organisation e-books forum, the London Book Fair and UKSG.

THURSDAY 28 JUNE 2012

10:00–10:30

Parallel Session 6.3

**Lenka Nemeckova, Marta Machytкова,
Helena Kovarikova, Vera Pilecka, Czech
Technical University in Prague (Czech
Republic)**

The Open University: The University Library and the Shift in the Scholarly Communication Paradigm

The Central Library of the Czech Technical University in Prague (CTU) focuses on watching changes in scholarly communication and brings new tools and services to support information sharing in the interdisciplinary university environment. All services are offered based on very close co-operation with the university management and faculty members. Centralized processes and services and open access to information are the main aims of the CTU long-term development plan for 2012–2015. It is aimed at increasing the efficiency and lowering the costs of information processes at the CTU and thus increasing the competitiveness and prestige of its R&D in the national and international environment. The Open University development has integrated the CTU Central Library into the institutional development plan and has assigned it the role of establishing and administering the institutional repository (IR) and co-ordinating all open access-related activities throughout the University.

The establishment of the Open University, i.e. open access to the results of R&D, is based on the use of the institutional repository as the key platform for communicating research information. That requires integration of the IR platform into the University's information structure and into the everyday information work flow – the interconnection of individual components of the University's information system with the IR: the library system, the study information system, the database of the CTU's R&D results for the purpose of national R&D evaluation and the system

of monitoring the Faculty's scientific excellence for the purpose of awarding professorial titles.

In terms of all this, it was essential to conduct detailed analyses of publication outputs in Green and Gold OA and to contact authors and CTU journal editors who are allowed to self-archive a copy of their paper to form a basic set of data in the IR. In addition, in co-operation with the IT department, we have created a software solution to connect individual components in the information system and the IR in order to establish automatic data flow into the IR. We currently run it in test mode and data input is on a voluntary basis at present. It is, however, broadly welcomed by Faculty members. The future task for the Library is to implement further value-added elements to the IR (e.g. automatic data control against DOAJ, Sherpa/RoMEO, etc.) and to prepare University rules for the data and full text input into the information system.



Lenka Nemeckova is a librarian at the Central Library of the Czech Technical University in Prague, focusing on the administration and usage evaluation of electronic information resources, information support of R&D, and the establishment of an institutional repository.

She graduated from the Institute of Information Studies and Librarianship (IISL) at the Faculty of Arts of the Charles University in Prague in 2008, and continues with her PhD studies at the Institute. Her dissertation topic is "User behaviour research in technical disciplines". Since 2010 she also works as an Assistant and Lecturer at the Institute.

THURSDAY 28 JUNE 2012

10:00–10:30

Parallel Session 6.4

Dr Ulrich Schäfer, German Research Center for Artificial Intelligence (DFKI) (Germany)

The Searchbench – Combining Sentence-Semantic, Full Text and Bibliographic Search in Digital Libraries

There is search beyond full text and meta-data search! We describe a novel approach to searching in digital libraries. It is based on sentence-wise syntactic and semantic analysis of native digital or scanned PDF documents. To showcase the usefulness of our approach, we have applied it to a collection of 22,500 open access research papers in language technology.

Because the technology is domain-independent, it could also be applied to newspaper texts, technical documentation or other scientific publications. The purpose of this paper is to make the benefits of this new, language technology-based approach known in library research and related fields. The system is also a public and freely available service at aclasb.dfki.de.

The Searchbench user interface is a web application running in every modern, JavaScript-enabled web browser. The key idea behind sentence-semantic search is to increase search precision by automatically semantically indexing each sentence in digital text collections using language technology. Then, a search query is formulated by a (possibly underspecified) similar statement, consisting of simple subject-predicate-object constructs, where parts can be omitted, e.g. to improve search efficiency. This reduces the number of false hits when words happen to appear close to each other but are not semantically related. By applying full deep parsing as is done in the Searchbench, it is also possible to abstract from passive variants and synonyms, e.g. a search for "method reduce noise" would also find sentences in the form "noise was decreased by ... method".

Optionally, negative statements can be excluded from the search results, e.g. for the former example, “method does not reduce noise” would be eliminated.

The combination with full text and bibliographic metadata search fields makes the search powerful and helps to narrow it down quickly to useful filters, along with autosuggest fields to ease text input.

Moreover, domain terminology is automatically extracted and can be searched for using the extracted terms field on a per document basis. Search filters can be bookmarked or emailed.

The search interface is equipped with a citation browser which, as with the rest of the Searchbench, also works on mobile devices and tablet computers. The citation browser displays keywords from citation sentences on the edges between documents. By clicking on an edge, the original citation sentence is shown in context, and optionally also in the original PDF layout.



Dr Ulrich Schäfer studied Computer Science and Computational Linguistics (minor subject) at Saarland University, Saarbrücken. He received the Computer Science Diploma (equivalent to an MSc) in 1995, with a thesis on “Parameterized Type Expansion in the Typed Feature Structure formalism TDL”, which he researched under the supervision of Dr Hans-Ulrich Krieger.

From 1995 to 2000, he worked with Dokumenta S.A., a Luxembourg-based IT supplier, as Application Developer and Consultant. He developed multilingual document editing software and did consulting and training in EDI, messaging and directory services for EU institutions and companies in Belgium, France, Germany and Luxembourg.

Since 2000, he works as Senior Engineer in Research at the Language Technology Lab of the German Research Center for Artificial Intelligence (DFKI), based in Saarbrücken. He co-developed a platform for multilingual information extraction and structured named entity recognition (SProUT), and devised the hybrid NLP middleware Heart of Gold, combining multilingual shallow and deep NLP components. Both were employed in many applications (information extraction, question answering, document authoring support) in EU and BMBF-funded re-

search projects such as Whiteboard, DeepThought, HyLaP and Quetal (BMBF is the German Ministry of Education and Research).

In 2007, he defended his dissertation “Integrating Deep and Shallow Natural Language Processing Components – Representations and Hybrid Architectures”, supervised by Professor Wolfgang Wahlster and Professor Hans Uszkoreit, at the Faculty of Mathematics and Computer Science of Saarland University, with very good grades.

From 2009, he has been Project Leader for the BMBF-funded project TAKE, working on parsing and search in digital libraries. In the context of TAKE, the international DELPH-IN collaboration on deep linguistic processing and the Saarbrücken-based Cluster of Excellence Multimodal Computing and Interaction (M2CI) funded by the DFG (Deutsche Forschungsgemeinschaft).

Since 2004 he regularly lectures on Java and Python Programming courses and seminars at the Computational Linguistics Department of Saarland University and he has also taught two summer school courses at ESLLI-2009 (Bordeaux) and ELSNET-2006 (Hamburg). He has supervised BSc and MSc theses in Computer Science and Computational Linguistics, and served as a journal and book reviewer, and as a conference and workshop programme committee member.

THURSDAY 28 JUNE 2012
11:00–11:30
Plenary Session

Invited Speaker: **Ellyssa Kroski**, Manager of Information Systems at the New York Law Institute (USA)

Libraries to Go: Mobile Tech in Libraries

We are in a time of ubiquitous computing, one in which people are able to access information on the Web from home, work and everywhere in between via their personal mobile devices. Today, 77% of the world's population are mobile subscribers, and 1 billion of the world's mobile phones are now smartphones. This session will explore how libraries are utilizing these mobile technologies to offer patrons cutting-edge mobile content and services.



Ellyssa Kroski is Manager of Information Systems at the New York Law Institute as well as a writer, educator, and international conference speaker. In 2011, she won the ALA's Greenwood Publishing Group Award for the Best Book in Library Literature for

The Tech Set, the ten-book technology series that she created and edited. She is also the author of Web 2.0 for Librarians and Information Professionals, a well-reviewed book on Web technologies and libraries. She speaks at several conferences a year, mainly about new tech trends, digital strategy, and libraries. She is an Adjunct Faculty member at Pratt Institute and blogs at iLibrarian. (<http://oedb.org/blogs/ilibrarian/about/>).

THURSDAY 28 JUNE 2012
12:00–12:30
Presentation by Sponsor

Jakob Harnesk, Nordic Sales Manager, EBSCO Information Service

Shaping the Future Information Supply Chain

We reveal what industry experts predict will happen to the information supply chain as a result of the Google generation's approach to academic research. We present an evidence-based analysis of thoughts and perceptions from libraries, consortia, subscription agents, hosts, scholarly publishers and opinion leaders from across the UK, Europe and North America to show how the information supply chain is being driven to adapt.

Librarians have an immense opportunity to mobilise the knowledge economy for Europe by mashing-up quality content and links to aid discovery. Our findings reveal how discoverability is both helped and hindered by the Big Deal and we learn how usage stats can distort the truth behind power browsing. How do members of the global supply chain believe they can add more value and provide a better return on investment in a mature European market? Come and find out.



Jakob Harnesk is the Nordic Sales Manager for EBSCO Information Services. Before joining EBSCO in 2008, Jakob held several qualified positions in research libraries and with various vendors. He has most notably been working for the Royal Library in

Sweden, at the national co-ordinating body BIBSAM, and at the Karolinska Institute University Library, where he was Head of Customer Services.

Jakob has been active in several national and international organizations, including Swedish Associations for Information Specialists, the Swedish Library Association, IFLA and ISO. Currently he is a

member of the Expert Advisory Committee for the London Online Information Conference.

During his 25-year career, he has authored a large number of articles, reports and analyses on topics such as *E-resource Access*, *Performance Indicators*, and *Legal Deposit of Online Publications*. A frequent speaker at library conferences, he is currently a member of the editorial board of the peer-reviewed *Journal of Access Services*. Jakob Harnesk holds a degree in *Library Information Systems*.

THURSDAY 28 JUNE 2012
14:00–14:30
Plenary Session

Invited Speaker: Kurt De Belder,
University Librarian and Director of
Leiden University Libraries (Netherlands)

Transformation of the Academic Library

In this talk the fundamental transformation of the academic (research/university) library will be discussed. By evaluating current library functions and investigating possible new roles, Kurt De Belder will explore the necessary changes that need to be made for the library to remain an effective and relevant partner in research and teaching.



Since 2005 **Kurt De Belder** has been University Librarian at Leiden University, the oldest university in the Netherlands founded in 1575. Leiden University Library is famous for its unique and internationally-oriented special collections and for its role as a

cultural centre which gave direction to the development and spread of knowledge during the Enlightenment.

Kurt's responsibilities include university-wide strategic planning and policy making in the area of scientific information provision, and he is Director of Leiden University Libraries (www.library.leiden.edu) and of Leiden University Press (www.lup.nl).

Partner in Knowledge, the Libraries' new strategic plan for 2011–2015, focuses on the transformation

of the library to an expert centre supporting research and education in digital spaces through Virtual Research Environments and Datalabs, the realization of library learning centres, the development of new expert areas such as data curation and text & data mining, and on digital information skills.

Previously Kurt worked at Stanford University, the University of California at Berkeley, New York University, and the Universiteit van Amsterdam. His main areas of expertise are digital libraries, scholarly communication, e-publishing and e-learning.

He has served as keynote speaker and has presented papers at conferences in the United States, Europe and Africa on topics relating to digital libraries, innovation, changing libraries and e-publishing. Kurt has served on a variety of professional committees in the United States and the Netherlands. He is a member of the Supervisory Board of Digital Heritage Netherlands (www.den.nl); Board of Directors of Bibliotheek.nl, the organisation that develops the national digital infrastructure for public libraries (<http://stichting.bibliotheek.nl>); Board of Directors of OAPEN – Open Access Publishing in European Networks, the organisation that publishes for European academic presses open access peer-reviewed monographs in the humanities and social sciences (www.oapen.org); Steering Committee of the National Information Infrastructure (GII); the Standardisation Council working on digital standardisation in the area of teaching and research; and the Policy Group Innovation Knowledge Infrastructure, SURF.

Kurt studied Germanic Philology at the Free University Brussels and Comparative Literature and Library & Information Studies at the University of California, Berkeley. www.linkedin.com/in/kurtdebelder

THURSDAY 28 JUNE 2012
15:00–15:30
Presentation by Sponsor

Dr Tamar Sadeh, Director of Marketing,
Ex Libris

Relevance Ranking in the Scholarly Domain

The greatest challenge for discovery systems is how to provide users with the most relevant search results, given the immense landscape of available content. In a manner that is similar to human interaction between two parties, in which each person adjusts to the other in tone, language, and subject matter, discovery systems would ideally be sophisticated and flexible enough to adjust their algorithms to individual users and each user's information needs.

When evaluating the relevance of an item to a specific user in a specific context, relevance-ranking algorithms need to take into account, in addition to the degree to which the item matches the query, information that is not embodied in the item itself. Such information, which includes the item's scholarly value, the type of search that the user is conducting (e.g., an exploratory search or a known-item search), and other factors, enables a discovery system to fulfil user expectations that have been shaped by experience with Web search engines.

The session will focus on the challenges of developing and evaluating relevance-ranking algorithms for the scholarly domain. Examples will be drawn mainly from the relevance-ranking technology deployed by the Ex Libris Primo discovery solution.



Tamar Sadeh brings a computing and information-retrieval background to the field of information services for libraries. After completing a bachelor's degree in computer science and mathematics, she spent a number of years developing search engines

for structured and unstructured data. At Ex Libris, a multinational company that develops high-performance applications for libraries and information centres, Tamar takes an active role in the definition and marketing of the Company's various technologies and leads the Ex Libris open-platform program. Tamar holds a doctorate from City University London's School of Informatics.

FRIDAY 29 JUNE 2012
9:00–9:30
Parallel Session 7.1

Dr Frances Pinter, Bloomsbury Academic
(UK)

Developing a Sustainable Funding and Open Access Publishing Model for Scholarly Books

The current business model for publishing monographs in all subject areas, though primarily in the Humanities and Social Sciences (HSS) has been in trouble for some time. The number of units sold is dwindling and prices are spiralling upwards. Some say it is a dying genre. However, scholars themselves would prefer having these works published professionally. At the same time the benefits of digital distribution makes free to end user dissemination an increasingly important priority. We need to change the business model, change how we fund the publishing process and make better use of technology.

This paper will outline one possible open access model that differs from those prevalent in the journal world. The idea is to conceptually and in practical terms separate the first stage of publication up to and including the creation of the first copy digital file from the subsequent publishing activities, and to recover post-first copy costs separately from the sale of print and bespoke ebooks. Libraries would save substantially by covering only the "first digital copy costs" through a library consortium purchasing model that would include open access.

29 June

This model simply uses existing library book purchasing budgets much more efficiently, effectively and transparently without altering the autonomy of each library to make selections in their own way. Such a consortium approach would not rely on research funding bodies to pay publication fees as doing so would exclude much unfunded research and writing in the humanities and social sciences. It offers a level playing field to libraries and publishers of all sizes.

The rationale and workings of the model are explained in an eight-minute presentation posted on YouTube (www.youtube.com/watch?v=niyYWVa2w6w).



Dr Frances Pinter was the founding Publisher at Bloomsbury Academic, specialising in Humanities and Social Sciences where she made use of Creative Commons licensing for monographs. She now runs the Churchill Archive digitisation

project for Bloomsbury. She is a Visiting Fellow at the London School of Economics where she conducts research in the area of intellectual property rights and has a particular interest in new business models for academic publishing.

Previously she was Publishing Director at the Soros Foundation (Open Society Institute) working in 30 transition countries supporting publishing development after the fall of communism. In the late 90s she established EIFL, a library consortium that straddles nearly 50 countries. Earlier in her career she founded Pinter Publishers, which also owned Leicester University Press and established the imprint Belhaven Press.

FRIDAY 29 JUNE 2012

9:00–9:30

Parallel Session 7.2

Dr Paul Ayris, UCL (University College London) (UK)

Travelling along the Open Road: How European Research Libraries Can Support the ERA (European Research Area)

This paper looks at how LERU (League of European Research Universities) is working with bodies such as LIBER to develop a distinctive Open Access position and a programme to support the European Research Area. LERU is an Association of 21 leading research-intensive universities that share the values of high-quality teaching within an environment of internationally competitive research.

In June 2011, LERU produced its Roadmap, Towards Open Access, a unanimous statement from the LERU Rectors which sets out the challenges, benefits and some of the pitfalls of a broad Open Access approach for LERU institutions. The Roadmap sets the concept of Open Access in the context of Open Scholarship and Open Knowledge and places LERU institutions (in the context of research publications) on a pan-European Roadmap.

The progress of all LERU members in implementing Green Open Access repositories, mandates and policies will be measured and evaluated against further European Universities outside the LERU family. The paper will look at levels of deposit in selected institutions and levels of compliance with Open Access mandates.

The performance of the DART-Europe portal (a LIBER service) for access to Open Access research theses across Europe will also be demonstrated and evaluated by looking at statistics for deposit, paper versus digital consultations of theses, and number of visits/downloads from the portal. The portal is essentially a tool for Green Open Access dissemination, but the latest developments in making the full text of theses search-

able via the Europeana Libraries project will also be evaluated.

In November 2011, LERU set up a Working Group (which I chair) to look at the needs of LERU members for a shared Gold Open Access publishing infrastructure across Europe. This paper will look at the emerging needs of European universities via case studies (based on a Workshop in Oxford in April 2011). European projects such as OAPEN will be evaluated and new business models for Gold monograph publishing compared to the Big Deal business model. A suggested way forward for the LERU family of libraries for Gold OA will then be identified.

The result of the paper will be an assessment of the performance of European research universities in implementing Open Access approaches to date, and a suggested trajectory for them (should they wish) to use and implement shared Gold Open Access publishing infrastructures based on collaborative pan-European provision.



Dr Paul Ayris has been Director of UCL Library Services since 1997. He is also the UCL Copyright Officer.

Dr Ayris is the President of LIBER (Association of European Research Libraries). He is also Chair of the LERU

Scholarly Communications Group from the League of European Research Libraries. He chairs the OAI Organizing Committee for the CERN Workshops on Innovations in Scholarly Communication. He is the incoming Chair of JISC Collections' Electronic Information Resources Working Group and was, until recently, a member of the NSF-funded Blue Ribbon Task Force on economically-sustainable digital preservation.

He has a PhD in Ecclesiastical History and publishes on English Reformation Studies.

FRIDAY 29 JUNE 2012

9:00–9:30

Parallel Session 7.3

**Kathleen Shearer, Birgit Schmidt,
Norbert Lossau, Confederation of Open
Access Repositories (COAR)**

Licensing Revisited: Open Access Clauses in Practice

Open access increases the visibility and use of scholarly research outputs and promises to maximize the return on our public investment in research. The Confederation of Open Access Repositories (COAR) was launched in 2009 and represents over 80 members and partners from 24 countries from throughout Europe, Latin America, Asia, and North America. COAR aims to improve the visibility and use of research outputs through a global network of open access digital repositories.

One of COAR's major objectives is to increase the volume of research papers in open access repositories worldwide. Numerous studies of researchers' behaviour demonstrate that only about 15% of researchers will "spontaneously" deposit their articles into an open access repository. Even with the growing number of institutional and funding agency mandates requiring the deposit of papers into the university repository, deposit rates have remained stubbornly low. As a result, the responsibility for populating repositories often falls onto the shoulders of library staff and/or repository managers. This involves requesting the articles on a case-by-case basis, checking the rights, and depositing articles into the repository – very time consuming and resource intensive work.

COAR is exploring new strategies for addressing some of the barriers to populating repositories. In particular, the organization is promoting the use of open access archiving clauses in publisher licenses. These clauses are being considered by licensing agencies and library consortia around the world as a way of ensuring that all the papers published by a given publisher are cleared for deposit into the institutional reposi-

tory. This paper will present some use cases of open access archiving clauses, discuss the major barriers to implementing archiving language into licenses, and describe some strategies that organizations can adopt in order to include such clauses into publisher licenses.



Kathleen Shearer is a Research Associate with the Canadian Association of Research Libraries; and has been working in the area of open access, research data management, and digital repositories since 2001. She is Chair of a Working Group,

“Repository Content” at the Confederation of Open Access Repositories which is looking at how to improve rates of deposit onto open access repositories. She also works as a consultant for a number of other organizations on a short-term basis, such as the Canadian Institute for Scientific and Technical Information, Natural Sciences and Engineering Research Council, and Library and Archives Canada, in addition to others.

FRIDAY 29 JUNE 2012
9:30–10:00
Parallel Session 8.1

Caren Milloy, JISC Collections;
Ellen Collins, Research Information
Network; Graham Stone, University of
Huddersfield (UK)

OAPEN-UK: Investigating a Business Model for Open Access Monographs in the Humanities and Social Sciences

In the Humanities and Social Sciences (HSS), the monograph is the primary method by which researchers share and disseminate knowledge. Over the last two decades monograph print sales have declined and researchers are concerned that this new economic reality is affect-

ing scholarship: not only the types of book that publishers choose to commission, but also the research pursued by potential authors. Open Access (OA) publishing is an alternative model that could provide a solution to the monograph problem by providing unfettered access to electronic monographs, and OAPEN, a recent European project, looked at how OA might work for HSS monographs.

The OAPEN project found that significant barriers to widespread adoption of OA were cultural and institutional. It also suggested that local conditions such as funding arrangements would be important in establishing how OA should work in different countries. JISC Collections therefore initiated OAPEN-UK [www.oapen-uk.jiscebooks.org], a four-year project that will produce evidence to underwrite informed decisions on the future of OA publishing for HSS monographs in the UK.

The project has two main strands. The first is a pilot, which takes 30 matched pairs of HSS monograph titles from five UK publishers. From each pair, one title is made OA – freely available on the publisher’s website and on the OAPEN platform – and the other is distributed through the publisher’s usual routes at the usual price. Data is collected annually to evaluate the effects on usage, sales and citations.

The second strand is a programme of focus groups, interviews and surveys with academics, publishers, funders and other stakeholders to understand their aspirations and concerns in relation to OA monograph publication. Over the four years of the project, we hope to construct and test a viable business model for OA publication of HSS monographs using data gathered from both strands.

This presentation will look at the background to OAPEN-UK and explore some of the issues that it has already identified in relation to OA monograph publication. We will explore the difficulty of establishing data collection mechanisms for use and sales of OA books, and some of the solutions that we have found. Finally, we will present initial findings from the broader research programme, exploring what needs to happen for different stakeholders to feel comfortable with an OA system for monograph publication.

Dr Birgit Schmidt, Najla Rettberg,
Göttingen State and University Library
(Germany)

OpenAIRE – Building a Collaborative Open Access Infrastructure for European Researchers

OpenAIRE (Open Access Infrastructure for Research in Europe) is a three-year European Commission-funded initiative that supports researchers within the Seventh Framework Programme to disseminate and provide the widest possible access to their research output. The recently launched parallel project OpenAIREplus widens the network further to 41 participating partners. This paper will outline the activities of the two initiatives, and some of the challenges and issues involved in achieving the overarching goal of developing an Open Access participatory infrastructure for scientific information.

OpenAIRE, now in its third year, has established a service based on the self-archiving of peer-reviewed articles, where authors deposit a copy of their peer-reviewed manuscript into an Open Access repository at the time of publication. The project has so far established a thriving European networking structure of National Open Access Desks in each partner country, which support European researchers with the publication deposit process within OpenAIRE. Recent activities within the project have focused on optimising the portal and promoting repository compliancy with the OpenAIRE system. Tackling the challenges of raising publication numbers is a current focus and this paper will outline some of the steps taken to identify and collect FP7 publications, for example at project level, through to exploiting publisher content.

This paper will also outline the goals of OpenAIREplus, which focuses on the linking of research data to associated publications. The interlinking of research objects has implications

for optimising the research process, allowing the sharing, enrichment and reuse of data. The growing call for more concrete data management and sharing plans, apparent at funder and national level, is complemented by the increasing support for a scientific infrastructure that supports seamless access to a range of research materials. The project will explore how links between text-based publications and research data are managed in different scientific fields. The project's first activities will focus not only on building the technical infrastructure and creating an appropriate data model, but also on the networking aspect of raising awareness among OpenAIRE members about data management and identifying appropriate data content from among the distinct geographic regions of this collaborative project.



Dr Birgit Schmidt is Scientific Manager for the European OpenAIRE project and Executive Director of the Confederation of Open Access Repository (COAR), an association based at Göttingen State and University Library. In this role, she coordinates the networking and

liaison activities for these initiatives. With a background in Mathematics and a postgraduate degree in Library and Information Science, she has worked on long-term archiving of digital objects, open access publication models, and supported the collaboration between DRIVER and the German network of open access repositories. She co-ordinates projects in the Electronic Publishing Division of UGOE, including the European projects OAPEN, PEER, the information platform open-access.net and other national projects.

Nuno Freire, Andreas Juffinger, Markus Muhr, The European Library, The National Library of the Netherlands

Supporting Digitization Projects with Rights Information Infrastructures: The ARROW Service

Libraries, publishers and collective rights organisations are discussing possible ways of maximising access to digital content without damaging the rights of authors and copyright owners. It is commonly believed that libraries hold materials of public interest which should be made digitally available, but legal issues make it necessary to determine the copyright status of those works before a library can digitise them.

One of the challenges in rights clearance is the significant fragmentation of rights information across multiple sources. This makes the rights clearance process very demanding and expensive for libraries. Large-scale digitisation projects can digitise thousands of books per week, creating a need for faster ways to clear their copyright status.

In the ARROW projects (Accessible Registries of Rights Information and Orphan Works), a single framework is being established to combine access rights information.

It offers a seamless service across a distributed network of national databases containing information that will assist in determining the rights status of works. Its goal is to support mass digitisation projects by finding automated ways to clear the rights of the books to be digitised. This rights clearance process is time consuming, since a library has to go through the following steps for each book:

- To identify the underlying work incorporated in the book to be digitised
- To find out if the underlying work is in the public domain or in copyright, and whether it is

an orphan work or out-of-print

- To clearly describe the use that is requested for the book, such as digitisation for preservation, electronic document delivery, etc.
- To identify the rights holder(s) or their agent, such as a collecting society
- To seek the appropriate permission, if necessary

The successful completion of this process depends on the availability of existing bibliographic and rights data, which is dispersed in national bibliographies, books in print, and the databases of rights organisations.

ARROW addresses the interoperability of rights information along this process. It supports the identification of a work, the clarification of its rights status and the identification of the rights holders.

This paper describes the ARROW service from the perspective of libraries undertaking digitisation projects. It presents the complete ARROW workflow, how national bibliographies are used in ARROW, and the services that ARROW offers particularly for libraries.



***Nuno Freire** is Senior Researcher at The European Library. He holds an MSc in Informatics and Computer Engineering and during his entire career he has been involved in international projects in the areas of interoperability, information retrieval and data quality, particularly*

in their application to library catalogues and digital libraries.

**Dr Roxana Theodorou, Ionian University
(Greece)**

Open Access Coalitions' Publishing – an Alternative Method for Scientific Publishing

For the last two decades at least, academic libraries have been facing serious economic problems that prevent them from serving their purpose to the fullest. Additionally, subscriptions to scientific journals have been rising to extraordinary levels.

Academic publishing as a business has a lot of paradoxes. It is a two-sided market which means the act of creating a good and giving it to consumers cannot be separated. Also, the end user (the reader) is rarely ever burdened with the cost of the product. And, finally, the authors of scientific content almost wholly belong to the institutions which buy their works in the form of published articles.

Today there are many implementations of open access with the two most important being Open Access (OA) journals and OA repositories. Using the experience of the past in combining library coalitions and OA implementations, we now propose a new publishing system that could lift libraries and institutions out of their very difficult situation.

The business model of coalition publishing is based on the idea of “returning” the dissemination and administration of scientific publishing into the hands of academic institutions and libraries. Institutions of the same scientific interest form publishing coalitions and create and maintain cross-institutional repositories in which they publish (in electronic form only) all their scientific production (and anyone else’s if interested, as long as the works cover the given subject). In order for these repositories to be able to compete against subscription-based journals, their contents should be of high quality. This model

also incorporates the peer review process for the evaluation of the publications.

This presentation will show a viable business model, and how it can be enforced, depending on the participating members of the coalition. The model is based on the use of new technologies, institutional repositories, the characteristics of two-sided markets, and the fact that most institutions already have the basic infrastructure needed for such implementations. And last but not least, it makes the most out of the fact that academic/research institutions are the main source for scientific authors, reviewers and readers! The goal is to demonstrate a more cost-efficient and fair way of publishing and accessing scientific information, but at the same time to maintain the high evaluating standards used traditionally by the publishing and academic society through the years.



Dr Roxana Theodorou, Guest Lecturer, Ionian University, Department of Archive and Library Science.

Roxana Theodorou is an archivist-librarian, with an MA in Electronic Publishing and Communication from UCL, and a PhD in Academic Electronic Publishing from the Ionian University. In the past she has worked as a librarian on a number of research projects, and she currently teaches Information Science, Use of Information Resources, and Collection Development at the Ionian University in Corfu, Greece. She also works as a freelance consultant.

She is especially interested in Open Access with an emphasis on its economic aspects and its social impact. She has published in several journals and conferences mainly on Open Access and alternative publishing models.

FRIDAY 29 JUNE 2012
10:00–10:30
Parallel Session 9.2

**Aleksander Nowinski, Wojtek Fenrich,
Wojtek Sylwestrzak, Interdisciplinary
Centre for Mathematical and
Computational Modelling, University of
Warsaw (Poland)**

The Polish Scholarly Bibliography – an Upcoming Player in the Polish Science Landscape

The Polish Scholarly Bibliography (PBN) is a new project in the landscape of Polish science and humanities. PBN is part of the Polish Ministry of Science and Higher Education's POL-on project to build a central information system for Polish universities and scientific institutions.

PBN is a two-stage project. The first stage is focused on the creation of a country-wide system, where bibliographical information for the publications of all Polish research institutions and authors sponsored by government agencies will be collected. The main purpose of this system is to provide authoritative information about the outcome of government-sponsored research. This system will be used in the first place for the evaluation of scientific institutions, but it will also be a single source of information for other purposes, such as the Commission for Scientific Degrees, national research funding agencies (NCN and NCBiR) and possibly many others. On the other hand, this system will provide all researchers and institutions with a common, modern bibliography system suitable for presentation, and it will improve the visibility of Polish research in the world.

The second stage of the project is adding full texts to the bibliographical data. This will be achieved by building a network of Polish repositories and supporting the integration of the repositories with the central system. Also a central, so-called "orphan" repository will be created for researchers whose institutions have no repository.

ries. The general concept of the system is based on the experience that ICM has gained from the OpenAIRE project.

The data will be gathered in various ways. Users (both authors and institutions) will be able to input data directly, using a web portal. On the other hand, the system will import data from institutional bibliographies and the Virtual Library of Science, as well as from other databases. Modern author disambiguation and identification algorithms will be applied to the data to minimize the effort required from users.

The project started in May 2011, and is planned as a three-year project. The first module available to the users was a journal evaluation questionnaire, which allowed journal publishers from Poland to submit online surveys, required for evaluation. All the data collected by the system will be available openly to users, both through the web portal, and through specialised API.



Wojtek Sylwestrzak is Head of the Centre for Open Science and Deputy Director of the Interdisciplinary Centre for Mathematical and Computational Modelling at the University of Warsaw, Poland. He has a Diploma in Applied Mathematics from

the University of Warsaw. Wojtek has participated in a number of national and international research projects related to large-scale digital content management and provisioning systems. With others, he is currently responsible for the Polish National Virtual Library of Science, and is the partner leader of "SYNAT", the Polish national research information infrastructure, OpenAIREplus and the European Digital Mathematics Library (EuDML) projects. During his work at the University, he has participated in a number of international task forces, programme committees and spoken at international conferences. His current primary interests include scalable search systems, distributed data architectures and data and text-mining technologies.

FRIDAY 29 JUNE 2012
10:00–10:30
Parallel Session 9.3

Graeme Forbes, National Library of Scotland (UK)

Legal Deposit of Electronic Publications in the UK

The United Kingdom passed the Legal Deposit Libraries Act in 2003, and Government, publishers and the legal deposit libraries are currently discussing Regulations for the deposit of non-print publications. At the same time, the Legal Deposit libraries (British Library, National Library of Scotland, National Library of Wales, Bodleian Library, Oxford, Cambridge University Library, and Trinity College, Dublin) are preparing for the ingest and delivery of electronic publications.

The paper will provide a brief history of UK Legal Deposit and comment on the current legislation. The main focus will be on the technical solutions selected, tested and implemented to provide the national infrastructure for ingest, preservation, discovery and delivery. The ongoing programme of projects embracing e-journal and e-book ingest, UK domain crawl, publisher deposit facilities, resource discovery and delivery will be described, and the successes and challenges to date discussed.



***Graeme Forbes** has worked at the National Library of Scotland, Edinburgh, since 2002. He is currently the Library's Head of Ingest, having previously been the Manager for Bibliographic Services. Previous employers include Edinburgh Napier*

University, Leicester Polytechnic, and West Surrey College of Art and Design. He is the current Chair of the Cataloguing and Indexing Group Scotland, serves on various national and international groups and committees, and is an Assessor for CILIP professional qualifications.

FRIDAY 29 JUNE 2012
11.00–11.30
Plenary Session

Invited speaker: **John Houghton**,
Professorial Fellow, Centre for Strategic
Economic Studies, Victoria University
(Australia)

Measuring the Impacts of Open Access to Publicly Funded Research and Data

An increasing number of funding bodies and research organisations around the world request that publications, and sometimes research data, arising from their funded research be made openly and freely available on the Internet. They do this in the belief that open access increases the economic and social impacts of the research, generating a higher return on their investment.

The release of our UK report 'Economic Implications of Alternative Scholarly Publishing Models' generated considerable interest and debate. That interest led to a number of follow-on studies, including national studies in the Netherlands and Denmark, and a three-country comparison, which we presented to the European Commission, comparing the impacts of alternative publishing models in one of the larger, a mid-sized and one of the smaller European countries.

During the last two years there have been further projects. The first focused on Germany, and brought the German National Licensing Program (NLP) into the mix of alternative scholarly communication models. The second used the EI-ASPM model to examine the cost impacts of alternative scholarly publishing models for a sample of UK universities. The third significantly extended one aspect of the underlying method used in the original study to explore the possible return on investment implications of the proposed US Federal Research Public Access Act. The fourth approached the issues from the user perspective, exploring the information needs and access habits of small high-technology firms in Denmark, and estimating the economic impact of academic research on such firms.

More recent work has included: a study for the Australian National Data Service looking at the economic impacts of more open access to public sector information (PSI), using national statistics (Australian Bureau of Statistics), fundamental spatial data (GeoScience Australia), and water data (National Water Commission) as case studies; and a study for the UK Economic and Social Research Council using a range of innovative approaches to measuring the value of the Economic and Social Data Service research data, infrastructure and services.

This presentation will summarise what these projects reveal about the value of more open access to research publications, public sector information and research data, and its potential impacts on research and the communication and application of publicly funded research findings.

For more information see: www.cfses.com/projects/knowledge-access.htm.



John Houghton is currently Professorial Fellow at Victoria University's Centre for Strategic Economic Studies (CSES) and Director of the Centre's Information Technologies and the Information Economy Program. He has had a number of years' experience in

information technology policy, science and technology policy and more general industry policy-related economic research. He has published and spoken widely, and is a regular consultant to the Organization for Economic Cooperation and Development (OECD) in Paris. In 1998, John was awarded a National Australia Day Council, Australia Day Medal for his contribution to IT industry policy development.

John's research is at the interface of theory and practice with a strong focus on the policy application of economic and social theory, and of leading-edge research in various relevant fields. Consequently, his contribution tends to be in bringing knowledge and research methods to bear on policy issues in an effort to raise the level of policy debate and improve policy outcomes.

Major foci for John's recent research have been a series of studies exploring the economic implications of alternative scholarly publishing models, and studies on the costs and benefits of open access to public sector information, and the curation and sharing of research data.

For further information see: www.cfses.com/staff/jhoughton.htm; www.netspeed.com.au/jhoughton/

FRIDAY 29 JUNE 2012

12.00–12.30

Presentation by Sponsor

**Rafael Sidi, Vice-President, SciVerse
Applications & Developer Network,
Elsevier**

Research With Applications: Empowering the Scientific Research Community for Better Outcomes

In the course of thousands of interviews with researchers, developers and industry influencers, Elsevier uncovered trends that are shaping research globally – workflow efficiencies, funding pressures, government policies and global competition. Elsevier also looked at key trends defining the future of web – openness and interoperability, personalization, and collaboration and trusted views, and the opportunity to create an ecosystem that empowers the scientific community to innovate, create and discover applications that leverage scientific literature to help researchers and scientists in their workflows.

Rafael will talk about these observed trends in research as they pertain to web applications, with particular emphasis on how librarians, developers, researchers can collaborate to develop new tools that leverage scientific content. Rafael will also explain how publishers like Elsevier can offer their content through APIs, and how publishers and platform providers can present developers with application building tools. He will point to examples of how APIs allow librarians, information professionals and researchers to develop creatively new solutions that solve researchers' workflow problems. Rafael will further elaborate on how publishers can act as facilitators of the collaboration between information professionals, researchers and application developers to create workflow solutions through new applications, ultimately engaging a new community of

application developers to lead a new model of STM publishing.

Pointing to examples from SciVerse Applications as a platform that enables this sort of collaboration within the scientific community, Rafael will also talk about solutions that target specific researcher interests and workflows, and share how Elsevier is engaging librarians and developers to create these solutions through activities like the "Apps for Library" and "Apps for Science" challenges respectively. Rafael will describe how this ecosystem will create a channel where developers can collaborate with librarians and researchers in developing new applications and will set a new paradigm in the way research information is discovered, used, shared and re-used to accelerate science.



Rafael Sidi is Vice President of Elsevier's Application Marketplace and Developer Network. Rafael has been with Elsevier since 2001 and has been leading product development efforts at Elsevier – first in Engineering & Technology, then in Academic & Government groups. He

has been instrumental in creating and launching productivity enhancing online products for researchers, including Elsevier's new SciVerse platform, ScienceDirect, Engineering Village, Referex and illumin8. Rafael has a BSc in Electrical Engineering from Bogazici University in Istanbul, Turkey, and an MA from Brandeis University, United States.

FRIDAY 29 JUNE 2012

14.00–14.30

Presentation by Sponsor

Meinhard Kettler, Electronic Product Manager, Swets

New Steps in the Research and Collaboration Workflow and the Role of the Library. Introducing the Mendeley Institutional Edition

Mendeley started about four years ago and is building the world's largest research collaboration platform with currently 1.6 million users having uploaded metadata of 35 million searchable unique documents. It is a social research collaboration network driven by data. Desktop, mobile and web apps help researchers and students organize, annotate, share, and discover new research.

This presentation will give a brief overview of the project and will also introduce the Mendeley Institutional Edition launched in 2012. Features and benefits for the library include the provision of improved services to their researchers and the ability to review and monitor insights in usage and collaboration trends as well as the research output generated within the institution.



Meinhard Kettler holds a language degree from the University of Muenster and joined the publishing industry twenty years ago. After an e-media position in a German B2C publishing house, he entered the library market and represented Swets Germany in various Sales regions. His current

position at Swets is Electronic Product Manager for the German-language region and Central European countries.

Posters

- 1. Mapping the Habits of Users and Their Use of Spaces in University Libraries: An Experience of Seating Sweep**
Frédéric Brodtkom, Muriel Lesuisse, Université catholique de Louvain, Belgium
- 2. Making a Registry for the Keepers**
Peter Burnhill, EDINA, University of Edinburgh, UK
- 3. Hidden Assets of Cultural Heritage**
Claudia Fabian, Bayerische Staatsbibliothek, Chair, LIBER Steering Committee for Heritage Collections and Preservation (Germany); Marian Lefferts, Consortium of European Research Libraries (CERL), Secretary, LIBER Steering Committee for Heritage Collections and Preservation
- 4. Automatic Ingest via Submission Application – A Data Transfer from Our DSpace Repository to the Rosetta Digital Archive**
Yvonne Friese, German National Library of Economics, ZBW–Deutsche Zentralbibliothek für Wirtschaftswissenschaften, Germany
- 5. Open Access Statistics – Services and Standards for Internationally Comparable Usage Statistics**
Justine Haerberli, Stuttgart University Library; Daniel Beucke, Göttingen State and University Library, Germany
- 6. Semi-Automated Quality Control in Mass Digitisation**
Max Kaiser, Jeanna Nikolov-Ramírez, Martin Reisacher, Georg Petz, Christa Müller, Austrian National Library, Austria
- 7. Identifying Candidates for the New Subject Headings Based on the Web Behaviour of End-users**
Kristýna Kožuchová, National Technical Library of Prague, Czech Republic
- 8. ebrary: Expanding the Research Landscape with Mobile**
Áine Rice, ebrary
- 9. Confederation of Open Access Repositories (COAR): Working Towards a Global Repository Network**
Katharina Mueller, Birgit Schmidt, COAR e.V., Germany
- 10. Biodiversity Heritage Library for Europe - National, European and Global Co-operation**
Tiina Maija Onttonen, Sini Kärki, Kimmo Koskinen, University of Helsinki, Finland
- 11. Policies for Access and Collaboration: Imagining Pan-European Access to Research Information Resources**
Susan Reilly, LIBER, The Netherlands

12. Research Virtual Librarians: New Skills, New Services

Clara Riera, Rosa Padros, Anna Zuñiga, Universitat Oberta de Catalunya, Spain

13. Should Libraries Provide Support for Research Data Management? The Results of a Research Data Pilot Project in Helsinki University Library

Annikki Roos, Liisa Siipilehto, Helsinki University Library, Finland

14. Huddersfield Open Access Publishing (HOAP) Project

Graham Stone, University of Huddersfield, UK

15. Techniques in Electronic Resource Management (TERMS)

Graham Stone, University of Huddersfield, UK; Jill Emery, Portland State University Library, USA

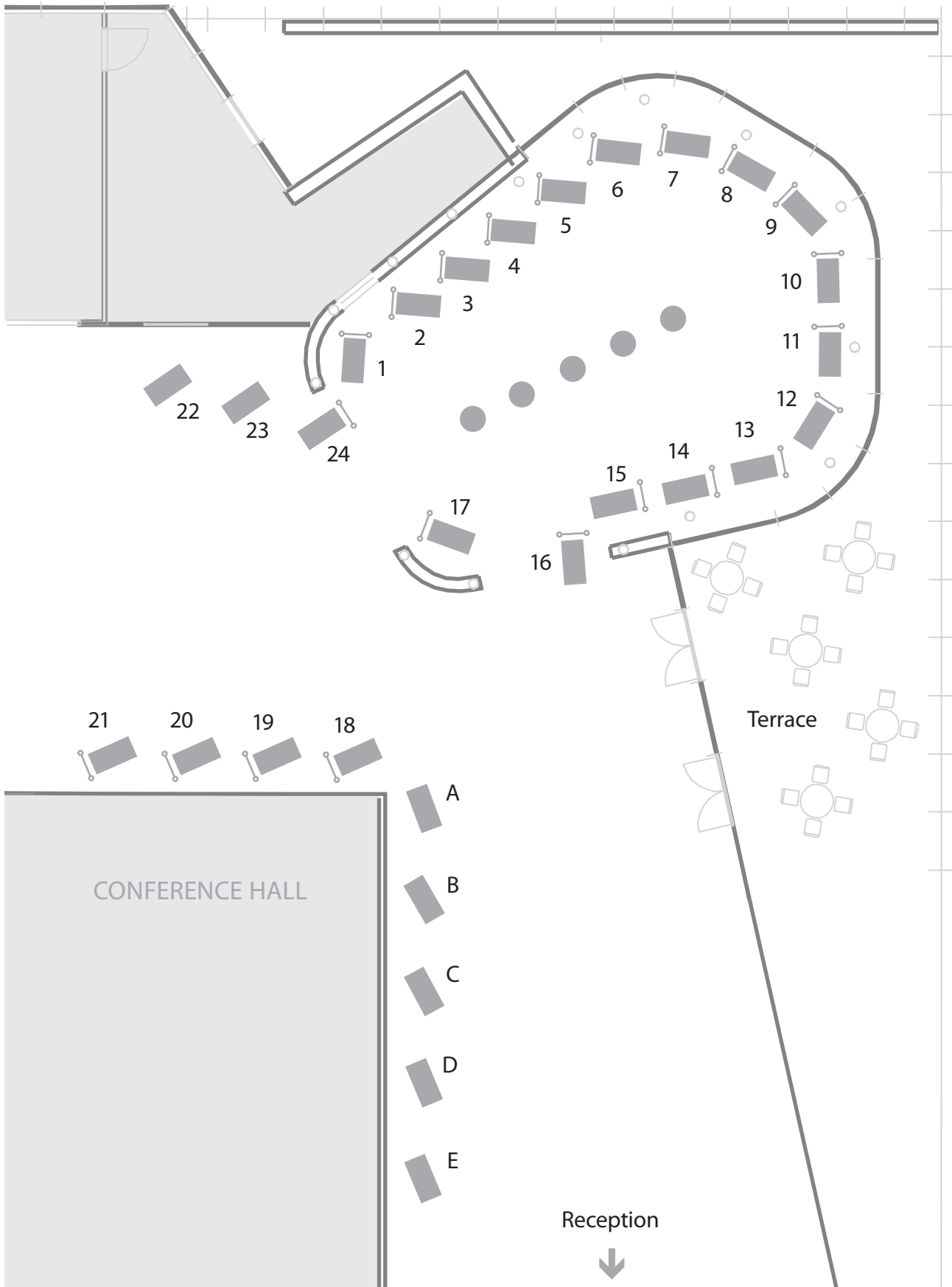
16. Digging Deeper into Library Data: Understanding How Library Usage and Other Factors Affect Student Outcomes

Graham Stone, University of Huddersfield, UK; Ellen Collins, Research Information Network; David Pattern, University of Huddersfield, UK

17. Geospatial Data Collection Development Policies' Characteristics

Ifigenia Vardakosta, Sarantos Kapidakis, Ionian University, Department of Archives and Library Science, Greece

Exhibition



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LIBER Award for Library Innovation

The LIBER Award for Library Innovation was instituted by LIBER, with support from Elsevier. It honours the **three abstracts which best describe innovative work** in the overall theme of the Annual Conference 'Mobilising the knowledge economy for Europe'.

The Conference Programme Committee for the 41st LIBER Annual Conference has decided to confer the **LIBER Award for Library Innovation 2012** on:

Justine Haeberli, Daniel Beucke

ID 159 Open Access Statistics – Services and Standards for Internationally Comparable Usage Statistics

Sven Vlaeminck

ID 148 Data Management in Scholarly Journals and Possible Roles for Libraries – Some Insights from EDaWaX

Kathleen Shearer, Birgit Schmidt, Norbert Lossau

ID 154 Licensing Revisited: Open Access Clauses in Practice

We congratulate you on receiving this Award and look forward to meeting you in Tartu this summer!

The specific **criteria** for the Award selection were

- Level of innovation
- Impact on the wider library community
- Scalability of the idea
- Expected return-on-investment

The three abstracts which best fulfil these criteria will be chosen by a **LIBER Award Committee**, including two representatives of the Programme Committee and two representatives of Elsevier. The three winners of the LIBER Award will be informed by the LIBER Award Committee by 30 March 2012 at the latest.

The prize consists of the opportunity to present the winning paper/poster at the LIBER Annual Conference 2012 in Tartu, Estonia, free registration, plus travelling expenses and accommodation.* The three winners will receive their prizes during a short ceremony at the LIBER Annual Conference in Tartu.

* With a maximum of 1,000 Euros per submission, based on economy class travel and accommodation for up to 4 nights in a hotel from the list of recommended hotels on the Conference website. Real costs will be reimbursed after the Conference, on condition that the author attends the Conference and presents his/her paper/poster in person.

Social Programme

TUESDAY
26 JUNE 2012

18:00

Free Tour of Tartu

All LIBER delegates are invited to participate in a free tour of the city of Tartu, guided in a language of their choice (English, German, French, Finnish, Swedish, Italian, Russian, Estonian). The tour will start at the **Town Hall Square (Raekoja plats)**, by the fountain with the sculpture of the 'Kissing Students'. The tour will last approximately 1.5 hours.

21:00

Concert by Triskele in Jaani (St John's) Church

After the Tartu tour, delegates can enjoy a public concert, performed by the Triskele group in the beautifully restored historical Jaani (St. John's) Church.

Triskele has united in its programmes different singing styles and a variety of instruments where both Estonian folk instruments (zithers, bowed harp) and early music instruments (lutes, fiddle, rebeck, flutes) are used. Members of the ensemble feel a deep interest in various religious music traditions, whose influences can be found in the performing style of the ensemble and its approach to the original sources.

An observation platform in the church tower is open for visitors before the concert.

Tickets cost €5 – if you have not acquired a ticket at registration, you can buy a ticket at the church before the concert.

WEDNESDAY
27 JUNE 2012

20:00

Conference Dinner in the Dorpat Conference Centre

The Conference Dinner will be held in the Dorpat Conference Centre. The location is already familiar from the first conference day, but it has undergone a complete transformation. The Dinner will be a festive launch for the Conference, where delegates can meet with old friends and become acquainted with new colleagues.

THURSDAY
28 JUNE 2012

19:00

Concert of The Academic Female Choir of the University of Tartu in the University Assembly Hall. The Conference Photograph will be taken after the Concert.

The Academic Female Choir of the University of Tartu, Estonia, was founded in 1945. The majority of the choir members are students and graduates of the University of Tartu and the Tartu H. Eller Music School. The choir performs music from different periods and countries – ranging from classical to modern. A particular place in the repertoire is held by works of Estonian composers such as Veljo Tormis (CD *Tähemõrsja*, 2000), Ester Mägi (CD *Laulupuu*, 2005), Arvo Pärt etc. Triin Koch (b. 1975) has been the main conductor of the choir since 2005. In 2008, the Estonian Choral Association named Triin Koch Conductor of the Year. The Estonian Female Song Society named the choir the Female Choir of the Year in 2010. They also won first prize

in the category of female choirs at the 12th International Choir Festival 'Tallinn 2011'.

The Concert will take place in the **Assembly Hall** in the **Main Building of the University of Tartu**. Its neoclassical elegance and simplicity make the Assembly Hall the University's most beautiful venue. The Hall's inauguration ceremony was held on 31 July 1809. From that day on, all major events of the university have been celebrated in the Assembly Hall.

Do not miss the opportunity to take part in the Conference Photograph after the Concert!

20:30

Reception in the University History Museum

During the Reception the Museum will be open for participants. Observation platform in the tower can be visited as well.

The Museum is located on the Toomemägi Hill, which has also been poetically described as an abode of the Muses. Here the Museum occupies several historical university buildings dating from the 19th century – the former university library built in the choir of the ruins of a former cathedral. The Museum's White Hall is one of the most prestigious event venues in Tartu.

When the University of Tartu was reopened in 1802, the choir of the church was rebuilt in 1804–1806 to accommodate the **University Library**. After the Library moved to its new location in 1981, the building was handed over to UT History Museum.

FRIDAY
29 JUNE 2012

19:00

Concert by Liinats'uraq and Farewell Reception in the Gunpowder Cellar.

Liinats'uraq is a traditional Seto (the southeasternmost region of Estonia) male choir. The singers are mostly men with Seto roots, who live in Tartu and enjoy the songs that were originally

sung in Seto villages at the end of the 19th and the beginning of the 20th century. Seto men's singing with its specific tense voice quality and prolonged richly ornamented tunes is somewhat different from the songs of Seto women. Seto singing is antiphonal; the groups have a lead singer and the chorus responds to the leader. In the chorus, voices are divided into one high and sharp part called *killõ* and a heterophonic lower group called *torrõ*.

In the **Gunpowder Cellar** more than three centuries old brick vaults worthily arching above your head greet you in the legendary restaurant in the very heart of Tartu with undoubtedly the most special design and most exciting atmosphere in Estonia. The restaurant is situated right behind the Town Hall Square at the foot of the ancient Toomemägi Hill.

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The day-long excursion will take participants to the southeasternmost region of Estonia. This area called **Setomaa**, located at the eastern border of the European Union, is famous for its unique and rich living folk culture and traditions, and a living dialect of the Estonian language, which is taught in schools and used in all spheres of everyday life, as well as in publications and scientific discourse.

The countryside of this area is varied and offers wonderful sightseeing. The following web pages will give you an idea of what to expect and what to see: <http://www.setotourism.ee/>

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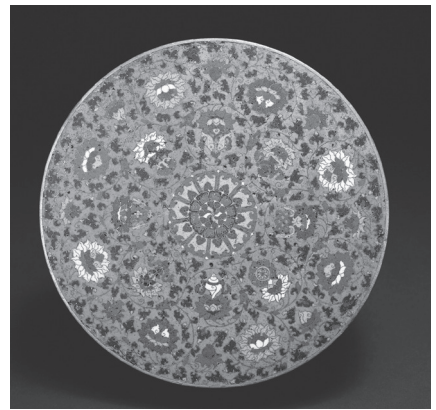
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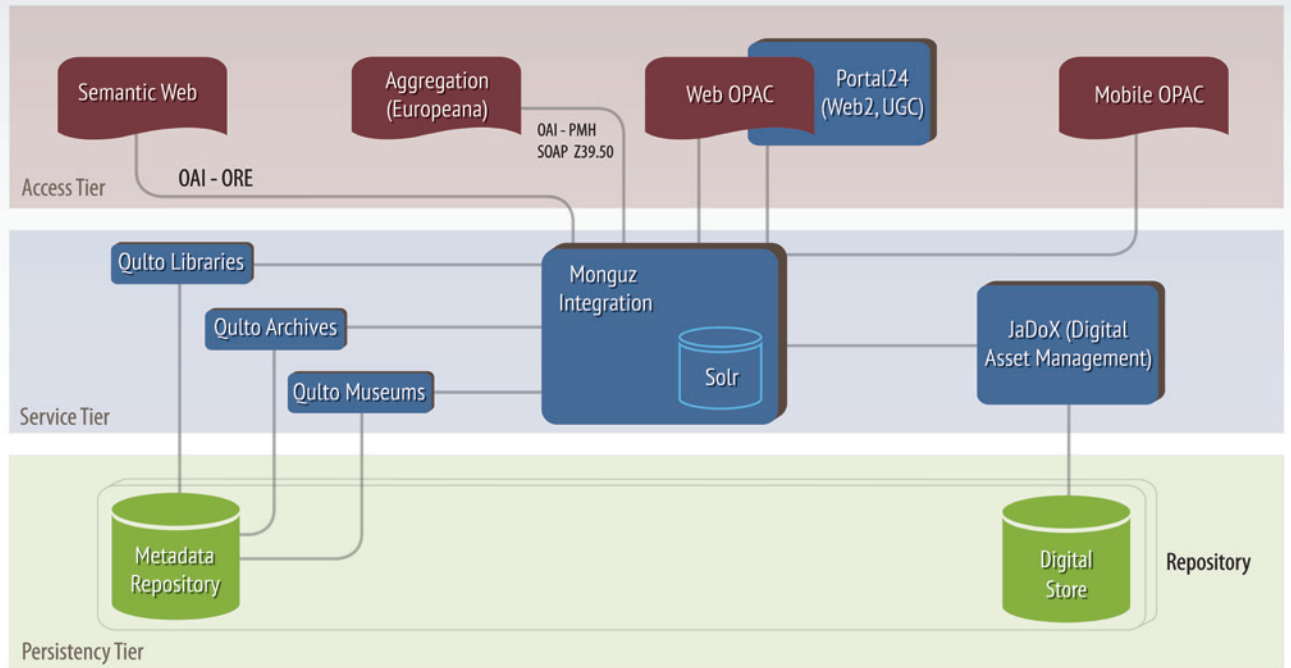
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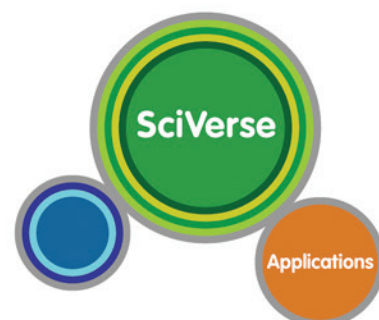
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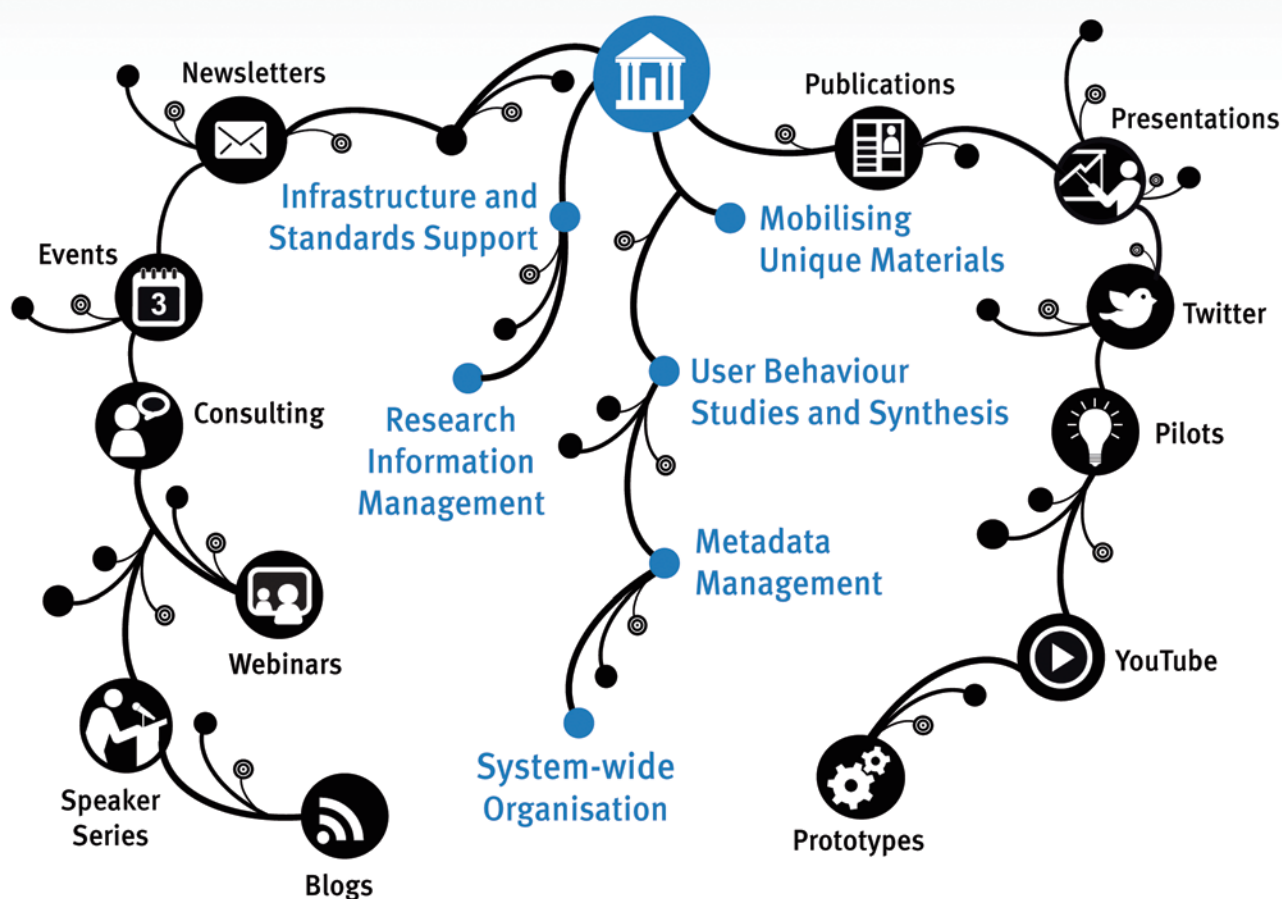


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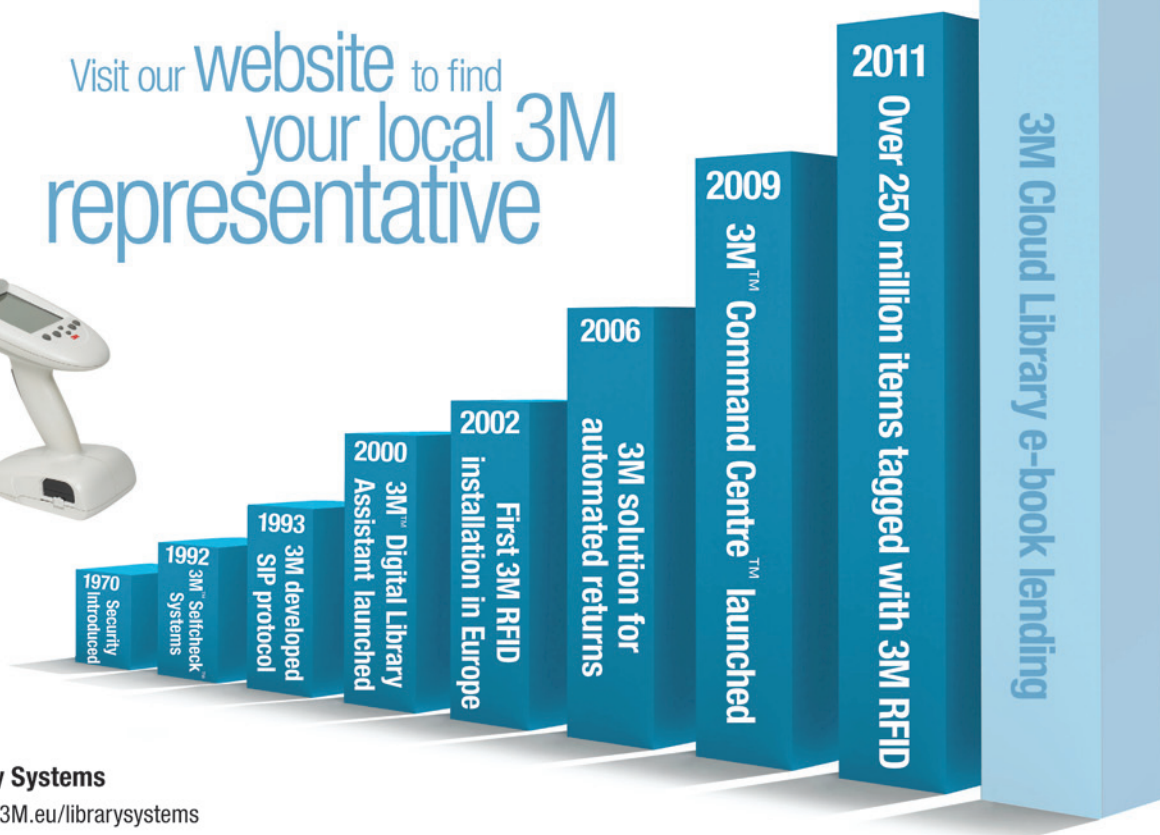
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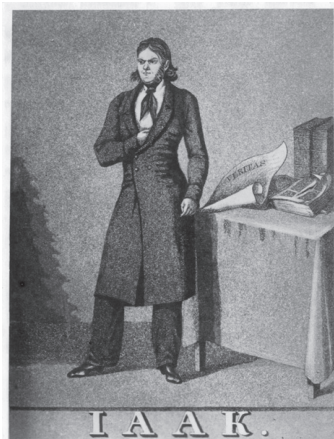


Names of Conference Rooms

Rooms at the Conference Centre are named after Tartu scholars

Kristjan Jaak Peterson

14.03.1801 Riga – 04.08.1822 Riga



The first Estonian poet. He wrote in Estonian and believed in the future of the Estonian language. He studied theology and philosophy at Tartu University in 1819–1820.

a scholarly discipline. Member of the St Petersburg Academy of Sciences.

Friedrich Georg Wilhelm Struve

15.04.1793 Altona, Germany – 23.09.1864 St Petersburg, Russia



Astronomer and geodesist. He studied philology and astronomy at Tartu University from 1808 to 1813. Later he was Director of the Astronomical Observatory and Professor of Astronomy at the University. He was one of the founders and the first Director of the Pulkovo Astronomical Observatory

in Russia. He directed astronomical and trigonometric measurements in Livonia and the Russian-Scandinavian measurements of the arc of the Tartu meridian from Norway to the Danube in 1816–1855. The Struve Geodetic Arc was included in the UNESCO World Heritage List in 2005. In 1837 Struve measured the trigonometric parallax of the Vega star, which enabled an assessment of its distance from the Earth to be made for the first time and gave an idea of the volume of the Universe.

Karl Ernst von Baer

28.02.1792 Järvamaa, Estonia – 28.11.1876 Tartu

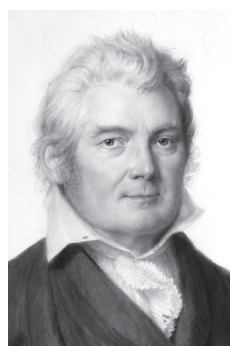


The father of embryology; he discovered the mammalian ovum in 1827. He studied medicine at Tartu University from 1810 to 1814 and became its most famous alumnus. Member of the St Petersburg Academy of Sciences; founder of the Russian Geographical Society. He formulated the

Baer-Babinet law that the erosion of rivers depends on the direction of the flow.

Johann Wilhelm Krause

19.06.1757 Lower Silesia, Poland – 10.08.1828 Tartu



Architect and artist. From 1808, he was the first architect of Tartu University and Professor of Agriculture, Technology and Civil Building. He designed most of the University buildings – the University Main Building, Anatomical Theatre, Library, and Astronomical Observatory, creating a

beautiful architectural ensemble of classicist buildings in Tartu.

Johann Philipp Gustav von Ewers

22.07.1779 Westfalen, Germany – 20.11.1830 Tartu



Legal historian, Professor of Russian History and Geography and a long-time Rector of Tartu University (1818–1830), developer of the University; he was greatly loved and called 'Studentenvater' by the students. He was the founder of Russian legal history as

Georg Friedrich Parrot
5.07.1767 Montbéliard, France –
20.07.1852 Helsinki, Finland



Physicist and educator, Rector of Tartu University. From 1802 to 1826, he was Professor of Mathematics and Physics and the first Rector of the University, active in the preparations for its reopening in 1802. He was the first in Russia to experiment with the Volta column and one of the founders of the chemical theory of galvanic elements. Member of the St Petersburg Academy of Sciences.

Nicolay Pirogov
25.11.1810 Moscow, Russia –
05.12.1881 Vishnya/Vinnytsia, Ukraine



Surgeon and anatomist, innovator in anatomical and experimental surgery. After having graduated from Moscow University in 1828, he received his doctorate at the Professors' Institute at Tartu University and taught at the University from 1836 to 1841. He is considered to be the founder of field surgery, and was one of the first surgeons in Europe to use ether as an anaesthetic. He was the first surgeon to use anaesthesia in a field operation (1847), invented various kinds of surgical operations, and developed his own technique of using plaster casts to treat fractured bones. He is most widely recognised in Russian medical history.

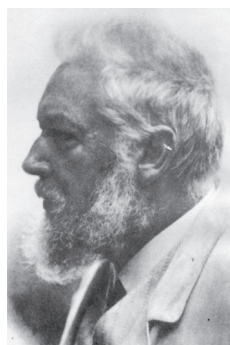
David Hieronymus Grindel
09.10.1776 near Riga – 20.01.1836 Riga



Pharmacist, chemist, physician and botanist. From 1804 to 1814, he was Professor of Chemistry at Tartu University, created the chemistry laboratory and promoted innovations in the field of experimental chemistry. For a period, he was Rector of the University. After having worked as pharmacist in Riga, he entered Tartu University and studied medicine from 1820 to

1823, thus becoming a student at the university he had formerly led as Rector. A North American genus of plants **Grindelia** and chemical compounds derived from its species **Grindelia robusta** have been named after Grindel.

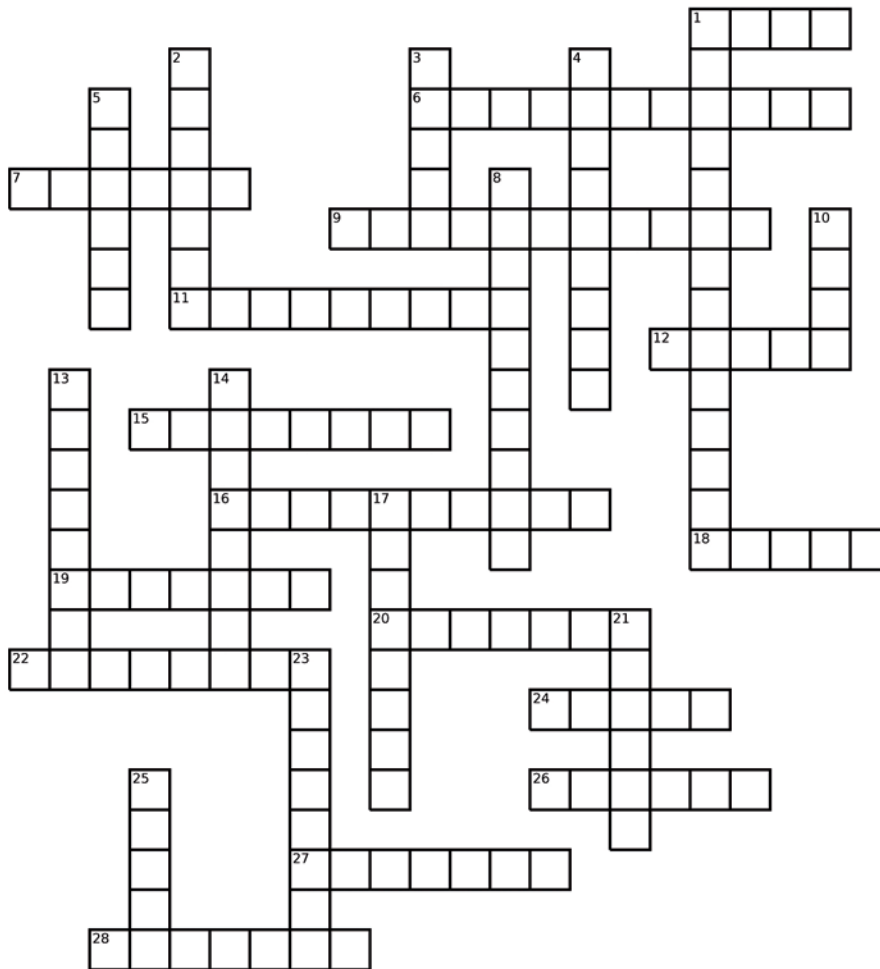
Wilhelm Friedrich Ostwald
02.09.1853 Riga –
04.04.1932 Grossbothen, near Leipzig, Germany



Chemist, physicist, philosopher; Nobel Prize for Chemistry in 1909.

He studied chemistry at Tartu University from 1872 to 1875, and later worked as a lecturer at the University, and as Professor at Riga Polytechnicum and Leipzig University. His pioneering work especially in the field of electrochemistry led to the discovery of the law of dilution named after him. Ostwald became one of the founders of classical physical chemistry. In 1909, Ostwald was awarded the Nobel Prize for Chemistry for his work on catalysis, chemical equilibria and reaction velocities.

Crossword



Across

- 1 Founding father of embryology, worked at Tartu University
- 6 Folk group, will perform at the LIBER Conference
- 7 First Rector of the Imperial Dorpat University
- 9 Founder of Tartu University in 1632
- 11 Theatre in Tartu, the oldest Estonian theatre
- 12 Invented by Estonians that is used everywhere
- 15 Estonians like to pick them in forests
- 16 University of Tartu Library promotes this scholarly publishing policy
- 18 Founder of the Russian school of legal history, worked at Tartu University
- 19 Activity that peacefully led Estonia to independence from Soviet occupation
- 20 Received the Nobel Prize in Chemistry, worked at Tartu University
- 22 It is counted as a human right in Estonia
- 24 Famous Estonian chess player, chess Grandmaster
- 26 Architect of Tartu University
- 27 River in Tartu
- 28 Chemist, Pharmacist, Botanist and Rector of Tartu University

Down

- 1 Colours of the Estonian flag
- 2 Founder of field surgery,
- 3 Estonian President
- 4 President of a famous organisation, with first name
- 5 Famous astronomer, worked in Tartu
- 8 Estonian national hero
- 10 Hello! in Estonian
- 13 Estonian poet, the founder of modern Estonian poetry
- 14 Finno-Ugric language, related to Finnish and Hungarian
- 17 Estonian composer, who invented the compositional technique tintinnabuli, with first name
- 21 Old name of Tartu
- 23 Folk group, will perform at the LIBER Conference
- 25 World-famous librarians' organisation

ACROSS 1. Baer 6. Linnatšurag 7. Parrot 9. Gustav Adolf 11. Vanemuine 12. Skype 15. Mushroom 16. Open Access 18. Ewers 19. Singing 20. Ostwald 22. Internet 24. Keres 26. Krause 27. Emajõgi 28. Grindel
 DOWN 1. Blue Black White 2. Pirogov 3. Ilves 4. Paul Ayrts 5. Struve 8. Kalevipoeg 10. Tere 13. Peterson 14. Estonian 17. Arvo Pärt 21. Dorpat 23. Triiskele 25. LIBER

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