



IATUL SEMINAR

**Organizing
the Open Science Framework
– Strategies and Legal Aspects**

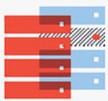
December 9 –11, 2019
Gdańsk – Sopot, Poland

Mendeley Data

“I just tried using Mendeley Data and I must say it was a pure pleasure to use their submissions system. There are quite a few other systems that have a lot to learn.”

– Senior Lecturer at a European University

Mendeley data: modular, cloud-based platform that helps you manage the entire lifecycle of research data



Data Manager

Go from raw files to published datasets

An active research data collaboration and workflow tool that enables individual researchers and groups to organize, annotate and share data in one place.



Data Repository

Keep datasets in a trusted repository

Enables researchers to post, share, showcase and archive research data with over 100 GB of storage per dataset.

“Helping institutions discover, collect and share research data”



Data Search

Retrieve active data, discover public data

Deeply indexes more than 10 million datasets sourced from over 35 repositories, making it simple for researchers to accurately find relevant data.



Data Monitor

Encourage and monitor compliance

Helps institutions engage with researchers when they publish a new article and keep track of related datasets. It also provides librarians with publisher-independent workflow tools to aid decisions around data privacy and ensure better compliance with new mandates and funder regulations

Manage and showcase everything your institution produces to increase visibility and impact

Digital Commons

Institutional repository and publishing platform to increase visibility and impact

- Organize and share any education and research output from scholarly articles, through data to thesis, multimedia or special collections
- Get accurate impact metrics
- Secure open access publishing platform for your journals, books and more
- Promote your experts through Experts Gallery suite

Content

Welcome Address by Anne Horn, IATUL President	4 - 5
Welcome Address by Krzysztof Wilde, Gdańsk University of Technology Rector	6 - 7
Welcome Address by Anna Wałek, GUT Library Director	8
About IATUL	9
About Gdańsk University of Technology	10
About GUT Library	11
IATUL Members Worldwide	12 - 13
PROGRAMME	
9 December 2019, IATUL Board Meeting	14
10 - 11 December 2019, IATUL Seminar	15 - 16
ABSTRACTS	
Anne Horn, President of IATUL: <i>IATUL Overview</i>	17
Elisha R. T. Chiware Ph.D., Cape Peninsula University of Technology: <i>Multidisciplinary Data Infrastructure for South African Research: Developing a Workforce for a National Data Node</i>	18
Cameron Riopelle, Ph.D., Head of Data Services, University of Miami Libraries Chair, IATUL SIG-DATA: <i>Building and Maintaining Effective Research Data Services at Academic Libraries: A Case Study of Data Services at the University of Miami</i>	19
Anna Wałek Ph.D., Director of Gdańsk University of Technology Library: <i>Library as an Open Science Hub – GUT Library's Perspective</i>	19
Alberto Zigoni, Development Director at Mendeley RDM, Elsevier: <i>Closing the Loop in Research Data Management: Tracking Data Sharing Practices to Support Institutions and Funders</i>	20
Titia van der Werf, Senior Program Officer at OCLC Research: <i>The Effects of the Shift to Open on Research Libraries</i>	20
Paul Royster, University of Nebraska-Lincoln: <i>Institutional Repositories in America: A Guide to What's Happening and Who to Look For.</i>	21
Lenka Hrdlickova, Czech Technical University in Prague Central Library: <i>CRIS – DSpace Interconnection as an Enhancement of an Institutional Repository: a Work in Progress Report</i>	21
Jasmine Kirby, Carnegie Mellon University Qatar: <i>Designing Undergraduate Data Literacy Instruction with Citizen Science: Expectations vs. Reality</i>	22
Laura Bandura-Morgan, Ph.D., National Science Centre: <i>Towards Open Science – New Policy of the National Science Centre on Open Access and Open Data</i>	23
Ruth Mallalieu, The University of Sheffield: <i>Mining for Gold? The European Copyright Directive and the Implications for Open Science</i>	23
Magdalena Szuflińska-Żurawska, Head of the Scientific and Technical Information Services Gdansk University of Technology Library: <i>Solving the Legal Puzzles - Open Science Competence Center and Legal Issues from Data Management Plans at Gdańsk University of Technology</i>	24
Marek M. Górski, Dorota Buzdygan, Dorota Lipińska, Cracow University of Technology Library: <i>Institutional Open Policy and Solutions for its Implementation</i>	24
Grzegorz Cytawa, Institute of Bioorganic Chemistry of the Polish Academy of Sciences in Poznań: <i>Presentation of the Operation and Potential of the SINUS</i>	25
Piotr Krajewski Ph.D., Urszula Szybowska, Gdańsk University of Technology Library: <i>How to Promote Institutional Repository Among Researchers - Gdańsk University of Technology Library Case</i>	25
Study tour: European Solidarity Centre, Christmas Market, Gdańsk Old Town Tour	26 - 27
Contact, IATUL Office	28
Notes	29 - 33

Welcome Address by Anne Horn *IATUL President*



Dear Colleagues, welcome to the Annual IATUL Seminar 2019 hosted by the Gdańsk University of Technology Library. IATUL Seminars provide

an opportunity for members to engage on matters of shared interest with library directors and senior staff in their region, joined by international colleagues. I am pleased that this year we have the opportunity to meet in Poland and the beautiful city of Gdańsk.

“Organizing the Open Science Framework – Strategies and Legal Aspects” is a topic of global relevance presenting local challenges. Open science policies and strategies are a means to improve the quality of scientific research, providing opportunities for enhanced engagement and collaboration between researchers and society. The aim of this year's IATUL Seminar is to present an overview of the current state of openness in science and generate debate amongst attendees who will bring a variety of experiences and viewpoints. The seminar will focus on reviewing the policy behind institutional repositories and research data services. We will also explore the legal barriers and solutions necessary for greater access to the outputs of our research.

Themes cover the services, infrastructure and workforce skills university libraries are developing to support the plans and aspirations of our institutions, and our researchers, to address the big challenges facing the world. The societal benefits from making our research findings and the data that underpins our research open and accessible are clearly understood. The need for changes to copyright law requires advocacy in the European Union and all around the world.

IATUL offers an influential and inclusive global community for leaders of university and research libraries. We bring together library directors and senior managers from over 70 countries to exchange ideas, expand professional networks, form new collaborations, and work together on multinational projects for greater impact. Representatives from our Board are here at the Seminar and I invite you to tell us your thoughts on initiatives that might advance the mission of IATUL both globally and in your region. IATUL's Special Interest Groups for Data and for Metrics and Research Impact (MaRI) are very relevant to this seminar and I encourage you to talk to us about how you may become involved.

IATUL Seminar 2019 provides a great opportunity to meet and discuss open science issues from different perspectives. University libraries have a vital role to play in advancing open science and steering a copyright environment that is more open. I wish you all a stimulating few days that we hope will extend your knowledge and generate ideas to take back to your own institutions, through the formal programme as well as engagement with your professional peers.

Thank you to our hosts, the Gdansk University of Technology, Dr. Anna Walek, Director of the Gdańsk University of Technology Library and the Organising Committee for making this event possible.



Anne Horn
IATUL President

Welcome Address by Professor Krzysztof Wilde

Gdańsk University of Technology Rector



Welcome to the Gdańsk University of Technology, a University with imagination building the university of the future.

The tradition of the Gdańsk University of Technology goes back more than one hundred years. The University is one of the oldest state technical universities in Poland.

Taking pride in our rich heritage, maintaining high-quality research and providing a meaningful teaching and learning experience, the Gdańsk University of Technology ranks within the best technical universities in Poland. In 2019 Gdańsk University of Technology acquired the status of Research University as one of 10 universities of Poland. One of the goals of Polish higher education reform has been set to identify and support special group of higher education institutions (i.a. Research Universities) which are supposed to enter the group of best World higher education institutions in the years to come. Acquiring the status of Research University has confirmed that GUT continues to provide high-quality education and research.

Gdańsk University of Technology faculty and alumni actively participate in the life and development of the Pomeranian region being a part of a number of initiatives and projects. It is difficult to build contemporary society without a free flow of knowledge, particularly in the light of rapid development of digitization in a number of areas of social life. New models of publishing have emerged due to the development of information technologies, the Internet in particular. Open Access publishing model is related to the changes and offers a number of advantages to researchers and to people cutting across all sections of society. Open Access improves the quality of scientific research and can have a lot of benefits for the general public.

The Gdańsk University of Technology has been committed to promoting Open Science and has had significant achievement in this area. The initiatives undertaken by the Gdańsk University of Technology Library deserve particular appreciation: organization of three editions of Pomeranian Open Science Conference, Focus On Open Science international workshops, commitment to carrying out the following projects - BE OPEN (under Horizon 2020), MOST Wiedzy (Bridge of Knowledge, GUT institutional repository) and MOST Danych (Bridge of Data; Open Research Data Project) funded under the EU funding programme.

In the wake of progressive technological changes there has to be an adequate change in legal provisions made corresponding to the current situation in the area of copyright law and Open access publishing. Such changes should aim at establishing good standards in the world of scientific publishing, introduced on a step-by-step basis.

The aim of IATUL Seminar 2019 “Organizing the Open Science Framework – Strategies and Legal Aspects” is to present an overview of current state of openness in science and provide a starting point for the debate about opening up research. I would like to express my sincere hope that the Seminar will pave the path for constructive and fruitful discussion on Open Science policies and Open Research Data managing. I am particularly pleased that Open Science issues receive so much attention and have brought together so many distinguished Guests and Participants. Let the Gdańsk University of Technology's motto “History is Wisdom - Future is Challenge” inspire the IATUL Seminar 2019 Participants.

I wish all the Participants a productive Seminar, and hope you enjoy your time in Gdańsk and Sopot.



Rector of Gdańsk University of Technology
Prof. Krzysztof Wilde, Ph.D., D. Sc. Eng.
Member of the Polish Academy of Sciences

Welcome Address by Anna Wałek, Ph.D.

GUT Library Director



Dear Colleagues,

On behalf of the organizing committee for the IATUL Seminar 2019, I would like to extend our warmest welcome to all the distinguished Guests and Participants to the IATUL Seminar 2019 (Gdańsk/Sopot, December 2019).

This year's IATUL Seminar's programme promises to be interesting for information specialists, leading library staff, librarians and all other stakeholders interested in the development of the idea and practical solutions related to Open Science.

The aim of the IATUL Seminar 2019 is to present an overview of current state of openness in science and provide a starting point for the debate about opening up research. The Seminar will focus on reviewing the policy behind institutional repositories and research data services. It will explore the legal barriers and solutions to greater access to research data, discuss and present analysis of Open Access and legal aspects of research data collection.

The process of producing and distributing scientific knowledge has been undergoing significant transformation resulting in changes to copyright law. The European Union needs modern copyright rules fit for the digital age. In a society in which large parts of science are increasingly based on digital services and goods, copyright provides an important framework for business model, innovation, access to culture and knowledge, and the organization of education and research.

I would like to thank all our distinguished Guests and Speakers for participating in our event. I would also like to thank the GUT Library staff - without their efforts and interest, it would be impossible to organize the Seminar. Additionally, I would like to express my gratitude to my Colleagues from IATUL Board of Directors for taking the decision to organize this year's meeting in Gdańsk University of Technology. I thank the Sponsors – Elsevier and OCLC – for a great support and their contribution to the Seminar. I would also like to thank the Mayor of the City of Gdańsk, Ms Aleksandra Dulkiewicz, for taking the patronage over this event. The IATUL Seminar 2019 also enjoys the honorary patronage of His Magnificence Rector of Gdańsk University of Technology Prof. Krzysztof Wilde – let me express my gratitude to His Magnificence Rector.

I am convinced that IATUL Seminar 2019 will be a great opportunity to meet and discuss Open Science issues from different perspectives. I wish all the Participants successful and fruitful discussions during the Seminar, and hope you enjoy your time in Gdańsk and Sopot.

A handwritten signature in blue ink that reads "Anna Wałek".

Anna Wałek Ph.D.
Gdańsk University of Technology

About IATUL

IATUL - International Association of University Libraries

The International Association of University Libraries (IATUL) was founded in Düsseldorf (Germany) in 1955. The association promotes innovation in university libraries. Originally, IATUL (International Association of Technological University Libraries) was an international forum for the exchange of ideas relevant to librarianship in technological universities throughout the world. At the 2014 Annual Conference in Helsinki, the General Assembly of IATUL decided to extend IATUL's mandate to include all university libraries internationally, irrespective of their academic specialisation. From 2014 on then IATUL formally included all university libraries. IATUL is a voluntary international non-governmental association including university libraries. Many of the members of IATUL provide services both to the teaching and research staff and students of their own university and to industrial organizations and national research institutions. The main objective of IATUL is to provide a forum where views, ideas and experience on matters of current significance in the world of librarianship can be exchanged. Library managers of more than 250 member university libraries cooperate in international IATUL projects to exchange ideas and experience at a multitude of events that IATUL offers for the global community of librarians – annual conferences, workshops and seminars.

IATUL Seminar 2019 Gdańsk, Sopot, Poland

The aim of the **IATUL Seminar 2019** (Gdańsk, Sopot, Poland) is to present an overview of current state of openness in science and provide a starting point for the debate about opening up research. The seminar will focus on reviewing the policy behind institutional repositories and research data services. It will explore the legal barriers and solutions to greater access to research data, discuss and present analysis of Open Access and legal aspects of research data collection.

The process of producing and distributing scientific knowledge has been undergoing significant transformation resulting in changes to copyright law. The European Union needs modern copyright rules fit for the digital age. In a society in which large parts of the science are increasingly based on digital services and goods, copyright provides an important framework for business model, innovation, access to culture and knowledge, and the organisation of education and research. IATUL Seminar 2019 will be a great opportunity to meet and discuss Open Science issues from different perspectives.

Gdańsk University of Technology

Education, research, development, Quality and cooperation

Established in 1904, Gdańsk University of Technology (GUT) is one of the oldest technical universities in Poland. GUT is a Research University - second among the 10 best academic centers in Poland. GUT is the only Polish Technical University and one of twelve Polish universities listed by the Times Higher Education World University Rankings. There are nine faculties, 33 fields of study in Polish, seven types of doctoral studies, 56 types of graduate studies, 12 degree courses in English, three MBA courses, 60 hectares of university campus, 2,670 places in 12 students halls of residence and about 20,000 students. From 2006 to 2011, as a result of the accreditation process carried out by the State Accreditation Committee (currently known as the Polish Accreditation Committee), 20 fields of study obtained a positive assessment, and two fields of study received an outstanding assessment. In 2012, three GUT faculties – the Faculty of Electrical and Control Engineering, the Faculty of Electronics, Telecommunications and Informatics, and the Faculty of Applied Physics and Mathematics – were assessed by experts from Polish Accreditation Committee (PKA) experts and received a positive institutional opinion. Students have access to hi-tech laboratories, lecture theatres with multimedia facilities, various sports facilities and a library. Undergraduates can also join one or more of 60 student science or language societies as well as other organisations.

GUT Library holds about 530 000 thousand volumes, mainly textbooks and study guides, science books, scientific and technical journals, standards and standardization handbooks, technology and economics books and online databases. The Library implements eLibrary services by offering online library and information skills training for first and last year students and growing and



maintaining the existing infrastructure of the digital library.

The Gdańsk University of Technology campus is one of the ten most beautiful in Europe according to a list of European universities distinguished by wonderful architecture and attractive location prepared by the Times Higher Education portal in 2018. GUT was ranked among the universities in Bologna, Salamanca and Uppsala.

*History is wisdom
future is challenge*



Gdańsk University of Technology Library (Polish: Biblioteka Politechniki Gdańskiej, abbrev. GUT Library) is an academic and research library that holds the largest collection of technical literature in northern Poland. The Library collects books, journals and electronic publications that cover full range of disciplines represented at all nine faculties constituting the Gdańsk University of Technology. Each GUT faculty has its own branch library with a reading room.



GUT Library Services

The Library fulfils its statutory function by collecting and cataloguing new books and periodicals, growing and maintaining the existing infrastructure of the digital library, making collections available via online catalogue, offering user training activities and organizing exhibitions that promote GUT Library. Aside from the printed collections, the library provides a rich array of electronic resources including over 60 online databases offering full text scientific journals.

Digital Library

The GUT Library has been playing a leading role in the implementation of the Pomeranian Digital Library project (since 2010). The digital library provides access to cultural and scientific objects (e.g. manuscripts, early printed books, 19th and early-20th-century books, textbooks and some other educational materials in digital form, most of them as public-domain resources).

Institutional Repository, Open Access and Open Research Data

The GUT Library plays an important role in two projects, MOST Wiedzy and MOST DANYCH. MOST Wiedzy (Bridge of Knowledge) is a platform for collecting, preserving, and disseminating results of research carried out at GUT University. The repository is also supposed to become a platform for cooperation between science and business. The other project called MOST Danych (Bridge of Data) is to manage Open Research Data produced at Gdańsk University of Technology, Medical University of Gdańsk and University of Gdańsk. Last but not least, the GUT Library actively participates in "BE OPEN Project" ("BE OPEN European forum and oBsErVatory for OPEN science in transport" project) financed under the HORIZON 2020 program.

International Cooperation

One of the main purposes of the GUT Library is to promote and support the internationalisation of higher education at the university. The Library offers many learning opportunities for students from all around the world and seeks to provide all users with a comfortable environment providing access to well-managed library collections and other services. The other objectives of the internationalisation process carried out by the GUT Library include library staff Erasmus+ mobility and collaboration with several organizations: IATUL, CESAER, LIBER, SPARC Europe, RDA and GO FAIR. Dr Anna Wałek, Director of the Gdańsk University of Technology Library, is a member of the IATUL and SPARC Europe Boards of Directors. GUT librarians participate in various international teams set up under the auspices of some of the above mentioned organizations. The teams are engaged in activities aimed at promoting Open Research Data, Open Access Monographs and Open Educational Resources.







Members
1955
32 members from
13 countries

Worldwide
2019
269 members from
77 countries

Programme

Gdańsk University of Technology Library

Gdańsk, Poland

#IATUL19 Poland

December, 9 – 11 2019

December 9, 2019 (Monday) *IATUL Board Meeting:*

- | | |
|-------------|--|
| 9:00 -17:00 | Board meeting (Board of Directors only)
- Main Building, Senate hall of GUT |
| 17:30 | Dinner |



photo by Krzysztof Krzempek

December 10, 2019 (Tuesday)

IATUL Seminar Day 1

SEMINAR VENUE - **HOTEL EUREKA**
7/9/11 Emilii Plater Street, Sopot,
eurekasopot.pl/en/home

- 9.00 - 10.30 Registration
- 10.30 - 11.00 Welcome Address
- Anna Wałek Ph.D., Director of the Gdańsk University of Technology Library
- Anne Horn, IATUL President
- Prof. Sławomir Milewski, Ph.D., D. Sc. Eng., Vice-Rector for Scientific Research of Gdańsk University of Technology
- 11.00 - 11.30 Anne Horn - *IATUL Overview* (presentation)
- 11.30 - 12.00 Coffee break
- 12.00 - 13.30 **Plenary Session I** Research data services
- 12.00 - 12.20 *Multidisciplinary Data Infrastructure for South African Research: Developing a Workforce for a National Data Node*
- Elisha R T Chiware Ph.D., Cape Peninsula University of Technology
- 12.20 - 12.40 *Building and Maintaining Effective Research Data Services at Academic Libraries: A Case Study of Data Services at the University of Miami*
- Cameron Riopelle Ph.D., Head of Data Services, University of Miami Libraries Chair, IATUL SIG-DATA
- 12.40 - 13.00 *Library as an Open Science Hub – GUT Library’s Perspective*
- Anna Wałek Ph.D., Director of Gdańsk University of Technology Library
- 13.00 - 13.20 *Closing the Loop in Research Data Management: Tracking Data Sharing Practices to Support Institutions and Funders*
- Alberto Zigoni, Development Director at Mendeley Research Data Management, Elsevier
- 13.20 - 13.30 Discussion
- 13.30 - 14.30 Lunch
- 14.30 - 16.00 **Plenary Session II** Open Science Services and Repositories
- 14.30 - 14.50 *The Effects of the Shift to Open on Research Libraries*
- Titia van der Werf, Senior Program Officer at OCLC Research
- 14.50 - 15.10 *Institutional Repositories in America: A Guide to What's Happening and Who to Look For*
- Paul Royster, University of Nebraska-Lincoln
- 15.10 - 15.30 *CRIS – DSpace Interconnection as an Enhancement of an Institutional Repository: a Work in Progress Report*
- Lenka Hrdlickova, Czech Technical University in Prague Central Library
- 15.30 - 15.50 *Designing Undergraduate Data Literacy Instruction with Citizen Science: Expectations vs. Reality*
- Jasmine Kirby, Carnegie Mellon University Qatar
- 15.50 - 16.00 Discussion
- 17.30 Dinner

December 11, 2019 (Wednesday) *IATUL Seminar Day 2*

SEMINAR VENUE - **HOTEL EUREKA**
7/9/11 Emilii Plater Street, Sopot,
eurekasopot.pl/en/home

- 10.00 - 10.40 **Keynote Session**
- 10.00 - 10.40 *Towards Open Science – New Policy of the National Science Centre on Open Access and Open Data*
– Laura Bandura-Morgan, Ph.D., National Science Centre
- 10.40 - 11.30 **Plenary Session III** Legal Aspects of Open Science
(bilingual session – English/Polish)
- 10.40 - 11.00 *Mining for Gold? The European Copyright Directive and the Implications for Open Science*
– Ruth Mallalieu, The University of Sheffield
- 11.00 - 11.20 *Solving the Legal Puzzels - Open Science Competence Center and Legal Issues from Data Management Plans at Gdańsk University of Technology*
– Magdalena Szuflińska-Zurawska, Head of the Scientific and Technical Information Department, Gdańsk University of Technology Library
- 11.20 - 11.30 Discussion
- 11.30 - 12.00 Coffee break
- 12.00 - 13.30 **Plenary Session IV** Case studies (Polish)
- 12.00 - 12.20 *Institutional Open Policy and Solutions for its Implementation*
– Marek M. Górski, Dorota Buzdygan, Dorota Lipińska,
Cracow University of Technology Library
- 12.20 - 12.40 *Presentation of the Operation and Potential of the SINUS*
– Grzegorz Cytawa, Poznań Supercomputing and Networking Center
affiliated to the Institute of Bioorganic Chemistry of the Polish Academy
of Sciences in Poznań
- 12.40 - 13.00 *How to Promote Institutional Repository Among Researchers - Gdańsk University of Technology Library Case*
– Piotr Krajewski Ph.D, Urszula Szybowska,
Gdańsk University of Technology Library
- 13.00 - 13.30 Closing remarks
- 13.30 - 14.30 Lunch
- 14.40 Study tour:
European Solidarity Centre, Christmas Market, Gdańsk Old Town Tour

Abstracts

10 December 2019, 11.00 - 11.30

Anna Horn
IATUL President

IATUL Overview

IATUL offers an influential and inclusive community for leaders of university and research libraries from around the world. We bring together library directors and senior managers from over 70 countries to exchange ideas, expand professional networks, form new collaborations and work together on multinational projects exploring the big challenges we all face. This presentation will provide an overview of our offer to members including how you can collaborate, innovate and connect with your peers from around the world.



10 December 2019, 12.00 - 12.20

Elisha R. T. Chiware, Ph.D.

Cape Peninsula University of Technology, Cape Town,
South Africa, chiwaree@cput.ac.za

Multidisciplinary Data Infrastructure for South African Research: Developing a Workforce for a National Data Node

ILIFU is the isiXhosa word for Cloud, an apt representation of the first node in the data infrastructure funded by the Department of Science and Technology (DST) in South Africa to support the National Integrated Cyberinfrastructure System of South Africa (NICS).

This presentation will provide an overview of the ILIFU model of shared infrastructure as a data-intensive research facility for big data management, storage and analysis. It will focus primarily on the research data management (RDM) research component of the project from conception to current operationalization and more especially on how opportunities are being created to develop a data science workforce through a collaborative Work Integrated Learning (WIL) programme across the science domains of the project.

The overall project has a strong emphasis on human capital development, to develop the workforce required to operate the regional data node. Engagement with researchers in designated domains of astronomy and bioinformatics enable the collaborative development of policies and guidelines to support users of the infrastructure. Significantly, the RDM research project fulfils an important function in support of institutional capacity building across participating institutions, where project findings will serve to promote institutional policy implementation and service development.

A working group on advocacy and training has been set up, to investigate and recommend a broad Work Integrated Learning (WIL) programme for postgraduate students of Computer- and Data Sciences, as well as in for Data Curation students in Library and Information Studies programme. The guidelines provide WIL officers in the participating universities with information to enable placement of postgraduate and mid-career professionals with various research projects to enable them to gain experience, opportunities and exposure on various aspects of data science and research data management. Through these placements, which will provide increased human capacity to meet deadlines and comply with RDM guidelines, the ilifu partners will remain up to date with current (RDM) practices, gain further industry exposure, and also action relevant curriculum developments.

In balancing personal career goals with ilifu aims, the Work Integrated Learning programme goes well beyond merely implementing guidelines for the use of ilifu infrastructure but affords all stakeholders with a multitude of opportunities for collaboration, skills and human capital development, and the acceleration of science visibility through common platforms and practices.

10 December 2019, 12.20 - 12.40

Cameron Riopelle, Ph.D.

Head of Data Services, University of Miami
Libraries Chair, IATUL SIG-DATA

***Building and Maintaining Effective Research Data Services
at Academic Libraries: A Case Study of Data Services
at the University of Miami***

Data services bridges academic disciplines and serves as an effective reason for researchers to come to academic libraries, whether for data curation, software training, or research methods advice. An effective data services program requires regular training, constant skills improvement, and steady navigation of the shifting realm of software expertise. One of the most difficult components of data work in libraries is keeping pace with research. In this presentation, I draw on my experiences building and maintaining a data services program at the University of Miami Libraries to offer practical suggestions for keeping pace with the frenetic world of academic research. By attending this presentation, participants will gain increased awareness of trends in data services and research data management at academic libraries, develop protocols for training and skills improvement related to data, open science, and software, and learn how to use methods sections of peer-reviewed articles as signposts for training and learning.

10 December 2019, 12.40 - 13.00

Anna Wałek Ph.D.

Director of Gdańsk University of Technology Library
Bridge of Data Project Coordinator
IATUL Board of Directors
SPARC Europe Board of Directors
BE OPEN Project Manager at GUT

Library as an Open Science Hub – GUT Library's Perspective

Gdańsk University of Technology Library actively participates in various activities and projects which aim at making research results available in open access. The GUT librarians enter into a number of collaborations within multi-task teams. These teams set up and maintain the institutional repositories and databases, become engaged in the activities carried out by the following organizations: IATUL, SPARC Europe, CESEAR, RDA and GO FAIR.

Additionally, two projects financed under European Union are now being carried out – MOST Danych (Bridge of Data) and BE OPEN project. MOST Danych is to both manage Open Research Data produced at Gdańsk University of Technology, Medical University of Gdańsk and University of Gdańsk and provide training and other support in implementing open science – services rendered by GUT Library Open Science Competence Center. Funded under H2020, the BE OPEN project aims to promote, regulate and standardise Open Science in transport research at the European level, through a series of targeted coordination and support activities.

This presentation discusses GUT Library's activities in the area of promoting and supporting initiatives concerning open access to research results and the future perspectives of the GUT Library's services developed with respect to making research results available in open access and providing training and other support in implementing open science.

10 December 2019, 13.00 - 13.20

Alberto Zigoni

Development Director at Mendeley
Research Data Management, Elsevier

***Closing the Loop in Research Data Management:
Tracking Data Sharing Practices to Support Institutions and Funders.***

Data services bridges academic disciplines and serves as an effective reason for researchers to come to academic libraries, whether for data curation, software training, or research methods advice. An effective data services program requires regular training, constant skills improvement, and steady navigation of the shifting realm of software expertise. One of the most difficult components of data work in libraries is keeping pace with research. In this presentation, I draw on my experiences building and maintaining a data services program at the University of Miami Libraries to offer practical suggestions for keeping pace with the frenetic world of academic research. By attending this presentation, participants will gain increased awareness of trends in data services and research data management at academic libraries, develop protocols for training and skills improvement related to data, open science, and software, and learn how to use methods sections of peer-reviewed articles as signposts for training and learning.

10 December 2019, 14.30 - 14.50

Titia van der Werf

Senior Program Officer at OCLC Research

The Effects of the Shift to Open on Research Libraries

Last year, OCLC surveyed libraries around the world on their open content efforts, investments and opinions. The key takeaways from 705 libraries in 82 countries were: libraries' support for open content is strong across all regions, their interest in open content is growing and libraries want to accelerate the impact of their open content activities. The majority (72%) of the respondents are from research and university libraries. This presentation will read the data from the majority group through the lens of Lorcan Dempsey's collection directions and contextualize the findings within the broader trend for more openness. Titia van der Werf will share the many questions raised by the findings, suggest areas for further exploration and open the floor for discussion.

10 December 2019, 14.50 - 15.10

Paul Royster
University of Nebraska-Lincoln

***Institutional Repositories in America:
A Guide to What's Happening and Who to Look For.***

A brief survey of the institutional repository landscape in the United States, a look at the present conditions and major players, and an examination of the unique features and challenges of the American institutional environment, with notice of leading players in metrics, publishing, philosophy, and promotion of IRs. Examples of usage and contents from the most-visited IR site in America.

10 December 2019, 15.10 - 15.30

Lenka Hrdlickova
Czech Technical University in Prague - Central Library

***CRIS – DSpace Interconnection as an Enhancement
of an Institutional Repository: a Work in Progress Report***

CRIS-repository interconnection or integration is a current topic of interest to mainly CRIS and repository community. There is a specific situation in the Czech Republic due to a tradition of a national R&D evaluation based on data submitted to a national CRIS (through institutional CRISs). This tradition has formed our approach of bringing CRIS and repository closer to each other and connecting them in such a way that both systems can benefit from the other, exchange data, and above all, use data that has once been submitted for other useful purposes.

Czech Technical University in Prague uses an in-house CRIS system that very well serves the university needs, is adaptive, and is compliant with our national CRIS infrastructure. Based on a long-term practice, authors are responsible for submitting their own publication records themselves, latest annually. With this practice in mind, our CRIS was extended of a new module for submitting additional metadata and full text, and their automatic upload to our repository (DSpace based). To submit a full text, authors have a set of Open Access and copyright related fields to fill in, and attach a full text. Authors are responsible for abiding all respective copyright issues. A set of guidelines and a helpdesk is set for this purpose. This module went live in February 2019 as a result of a cooperation between the university library and information center. No other guidelines nor policies apply, data input is so far only on voluntary basis. Still a number of authors have submitted their full texts by themselves. So far, there are over 300 full texts submitted through CRIS. It is interesting to observe how authors have put up with the specifics of the data input, above all with copyright restrictions.

This presentation is a work-in-progress report. We will present an overview of the technical and procedural setting of this CRIS-DSpace interconnection, and preliminary reports of data that has already been submitted as well as future plans for the development of this infrastructure.

10 December 2019, 15.30 - 15.50

Jasmine Kirby
Carnegie Mellon University Qatar

Designing Undergraduate Data Literacy Instruction with Citizen Science: Expectations vs. Reality

Citizen science allows community members, regardless of academic background, to participate in aspects of the research process including collection, processing, and analyzing of data.

As an academic librarian at an institution in Qatar that serves only undergraduates, I am interested in developing workshops and resources around citizen science as yet another way to get our students to see themselves as capable of conducting publishable scientific research especially since most of our students are women from the Middle East and Southeast Asia, demographics that have been historically underrepresented in science. I want students to see how new technologies are changing the way we do science, specifically mobile applications and machine learning, and give students ideas about what types of questions they can answer with our available technology and get them thinking more creatively about all of the tools they have at their disposal. I want to use citizen science data as a talking point about data management to encourage this upcoming generation of scientists to do better than their predecessors. However, finding citizen science projects that I can recommend to faculty and students where there is connection to life in the Middle East, transparency in how data is collected, and policies for giving credit for the work the students will be doing on the project, has been much more challenging than I expected. I will be discussing what to look for in citizen science projects so librarians can meet these objectives of providing another reminder to their students, especially students underrepresented in science, of what science should look like and how researchers and participants should be treated.

11 December 2019, 10.00 - 10.40

Laura Bandura-Morgan, Ph.D.
National Science Centre

Towards Open Science – New Policy of the National Science Centre on Open Access and Open Data

Transparency and openness are essential for research. The National Science Center as a funding agency from the very beginning of its activity has placed emphasis on scientific excellence and transparency. Initially, we focused on the transparency of our procedures, mainly on the application evaluation process. Currently, by financing more than 10,000 projects, we have shifted the focus on transparency and openness of the research we fund. Through the openness of data and publications, we promote the reproduction of science and also follow the European path to science excellence. Since 2017, the National Science Center has been actively participating in the Science Europe initiative dedicated to open data and open access to publications, and more broadly to Open Science. The result of this work is the implementation of the Data Management Plan in our grant application and new policy on open access to publications that will be applied to our grant award in near future.

11 December 2019, 10.40 - 11.00

Ruth Mallalieu
The University of Sheffield, UK

Mining for Gold? The European Copyright Directive and the Implications for Open Science

The UK led the way with introducing a text and data mining exception into copyright law in 2014. European Member States will follow suit in 2021 thanks to the upcoming Copyright in the Digital Single Market Directive. The introduction of EU-wide text and data mining is a welcome development for stakeholders in the research ecosystem. However, the journey here has not been easy – and the road ahead is far from certain.

In conception since 2012, the Directive heralds the most significant changes to European copyright law for twenty years, with the primary objective to 'make EU copyright rules fit for the digital age' (European Commission, 2019). It was passed by the European Parliament in March 2019, giving Member States two years to transpose into their laws.

Certain parts of the Directive have caused much controversy, namely Article 15, which gives a new ancillary right to press publishers, and Article 17, which imposes new obligations on Internet Service Providers with regard to infringing content on their platforms. These could have unwelcome consequences for research activities. Nevertheless, there is much scope in the Directive to develop Open Science activities within a new legislative framework: new provisions for digital preservation; mass digitisation of out of commerce works; and an extra TDM exception that permits commercial use, opening new possibilities for university and industry collaborations.

This talk will examine the history and context of the DSM Directive; pertinent Articles and their implications for Open Science; and the journey to implementation in the UK and Europe. How are Member States dealing with the transposition - and what are the UK's intentions given its impending exit from the European Union?

Finally, this talk will demonstrate that copyright law is not a static thing. Libraries and librarians can shape implementation by staying informed, engaging with their communities, and ensuring that the most pressing issues are foregrounded to those in a position to effect change.

11 December 2019, 11.00 - 11.20

Magdalena Szuflita-Żurawska

Head of the Scientific and Technical Information Services

Head of the Open Science Competence Center

Gdańsk University of Technology

IATUL SIG-DATA member

Solving the Legal Puzzels – Open Science Competence Center and Legal Issues from Data Management Plans at Gdańsk University of Technology.

Nowadays, most of the research funding agencies (e.g. Polish National Science Center) require to attach Data Management Plan (DMP) to the grant application.

All DMPs should include a section about data ownership and user rights where researchers have to explain their approach to legal aspects of sharing and opening research data. One of the most common issues for scholars is which license (if any) they are supposed to choose in terms of the dissemination the scientific output. License could be chosen for instance according to the data type (e.g. open source license for software) or publisher's agreement (publishing house may publish items only under CC-BY-NC-ND license).

However, in many cases, the legal aspects of sharing research data are much wider and more difficult to handle. To achieve FAIR principles, the data must be reusable and legal uncertainty seems to be one of the most highlighted barriers to data sharing.

In this presentation, I would like to show how the Open Science Competence Center at Gdańsk University of Technology is solving and dealing with data management cycle based on the experience regarding sharing data in three disciplines: economics, biomedicine, and computer science. The case study will have practical dimension where certain problems will be introduced and a potential solution will be proposed.

11 December 2019, 12.00 - 12.20

Marek M. Górski, Dorota Buzdygan, Dorota Lipińska

Cracow University of Technology Library

Institutional Open Policy and Solutions for its Implementation

The following presentation demonstrates actions that preceded introduction of open access policy to scientific publications at the Cracow University of Technology. These included, among others: creation of institutional repository, providing access to doctoral thesis, introduction of open licenses for scientific journals published at the Cracow University of Technology, informational and educational actions in the field of OA. These works were carried out in accordance with guidelines contained in government documents and on the basis of practical solutions implemented in this area around the world. As a consequence of these actions the Rector of CUT issued an ordinance on 22 March 2019 introducing the Open Access Policy at the Cracow University of Technology. The presentation illustrates the key stages of work related to the preparation and implementation of this document.

11 December 2019, 12.20 - 12.40

Grzegorz Cytawa

Poznań Supercomputing and Networking Center affiliated to the Institute of Bioorganic Chemistry of the Polish Academy of Sciences in Poznań

Presentation of the Operation and Potential of the SINUS

System SINUS enables creation of a coherent environment for managing the university's digital resources and information on the on-going scientific activities undertaken by its employees. It ensure the availability of comprehensive information for end users (both internal and external), a consistent data storage and processing environment suited for sharing by many organizational units. It supports communication within the university, between researchers, the library and university authorities. System automates communication with external systems (in particular PBN). The SINUS system has been developed by the Poznań Supercomputing and Networking Center for several years.

11 December 2019, 12.40 - 13.00

Piotr Krajewski, Ph.D.,

Academic Support Librarian, GUT Library

Urszula Szybowska

International Cooperation Section Coordinator at GUT Library

How to Promote Institutional Repository among Researchers - Gdańsk University of Technology Library Case

At the beginning of September 2017 Gdańsk University of Technology (GUT) launched institutional repository Bridge of Knowledge. Gdańsk University of Technology Library is involved in the development of that repository by supervising self-archiving process, validation of publishers Open Access policy and informing researchers about Open Science benefits. There are still some barriers for researchers to publish full text in the repository. The main purpose of this presentation is to describe Library's activities in the field of promotion of Bridge of Knowledge ("open day" events, conferences), training courses regarding dissemination of research results in the most effective way and promoting GUT repository and research output on social media.

Study tour

European Solidarity Centre

The European Solidarity Centre (Polish: Europejskie Centrum Solidarności; ECS) is a state-of-the-art cultural institution that honours the Solidarity movement - the Polish trade union and civil resistance movement, and other opposition movements of Communist Eastern Europe (the 1970s-1989). It is a museum that commemorates the revolution of Solidarity and the fall of communism in Europe. The Center includes: "Solidarity Movement History" permanent

The Center is also a public meeting space for citizens who feel responsible for putting into practice the idea of democracy, solidarity and citizenship. The design of the building won an international architectural competition (2007) – the Cor-ten steel (a brand of steel with a rusted finish) on the building is supposed to resemble a sailing ship, steel sheets ready to be used for its construction or the hull of a ship under construction.

The European Solidarity Centre is the only museum in Poland honoured with the Council of Europe Museum Prize (2016) for promotion of freedom and solidarity.

photos by Grzegorz Mehring Archiwum ECS.

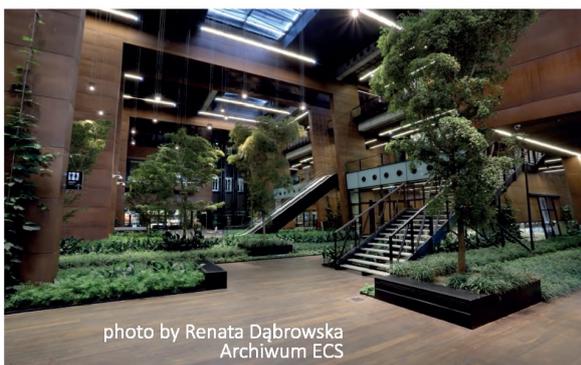


photo by Renata Dąbrowska
Archiwum ECS



Study tour

Gdańsk Christmas Market

One of the most beautiful Christmas Markets in Europe, situated right in downtown Gdańsk, in the very heart of historical district. Outstanding cityscape with the Good Wishes Square in the center makes a unique atmosphere. It is here where you can take a walk along... Chocolate, Cinnamon, Angels' and Christmas Eve Streets - which will undoubtedly put you into the holiday mood. You can meet here not only the Three Wise Men and the Holy Family but also Santa Clause. Mysterious elves are lurking in every corner, Christmas carols singers' voices can be heard all around the place.

GdaChristmas Market is an ideal place for people who seek original ideal for their presents. You can taste delicacies from all around the world you'd be spoilt for choice: Hungarian kürtőskalács (kurtosh kalach), Alsatian Flammkuchen (flame pastry), Greek Bougatsa, Crimean Tatar Chebureki (deep-fried turnover with a filling), Spanish churros, Austrian cheese, Lithuanian sausages, Turkish halvah, Polish dumplings, and traditional Gdańsk waffles.

What makes Gdańsk Christmas Market a unique event is also a charity campaign for the Gdańsk Hospice Foundation and St. Nicholas Church restoration. Visiting Gdańsk Christmas Market will undoubtedly be an unforgettable experience.



Contact

Address:
IATUL 2019 Seminar Office
c/o Gdańsk University of Technology Library
Narutowicza Street, 11/12
80-233 Gdańsk, Poland

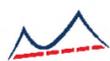
Main Building, room 100
Phone: +48 58 3472575
Tel/fax: +48 58 3472758

Contact us: iatulseminar2019@pg.edu.pl



Notes

Bridge of Data



BRIDGE OF KNOWLEDGE

mostwiedzy.pl

Open Research Data

BRIDGE OF DATA:

MULTIDISCIPLINARY OPEN TRANSFER KNOWLEDGE SYSTEM

- STAGE II: OPEN RESEARCH DATA



**Open Research
Data Repository**



**Open Science Competency Center
at GUT Library**



**Information society services
- virtual microscope**



**Using the supercomputer
to analyze research data**



contact

BRIDGE OF DATA

biuro.most@pg.edu.pl

<https://pg.edu.pl/most/danych>

contact

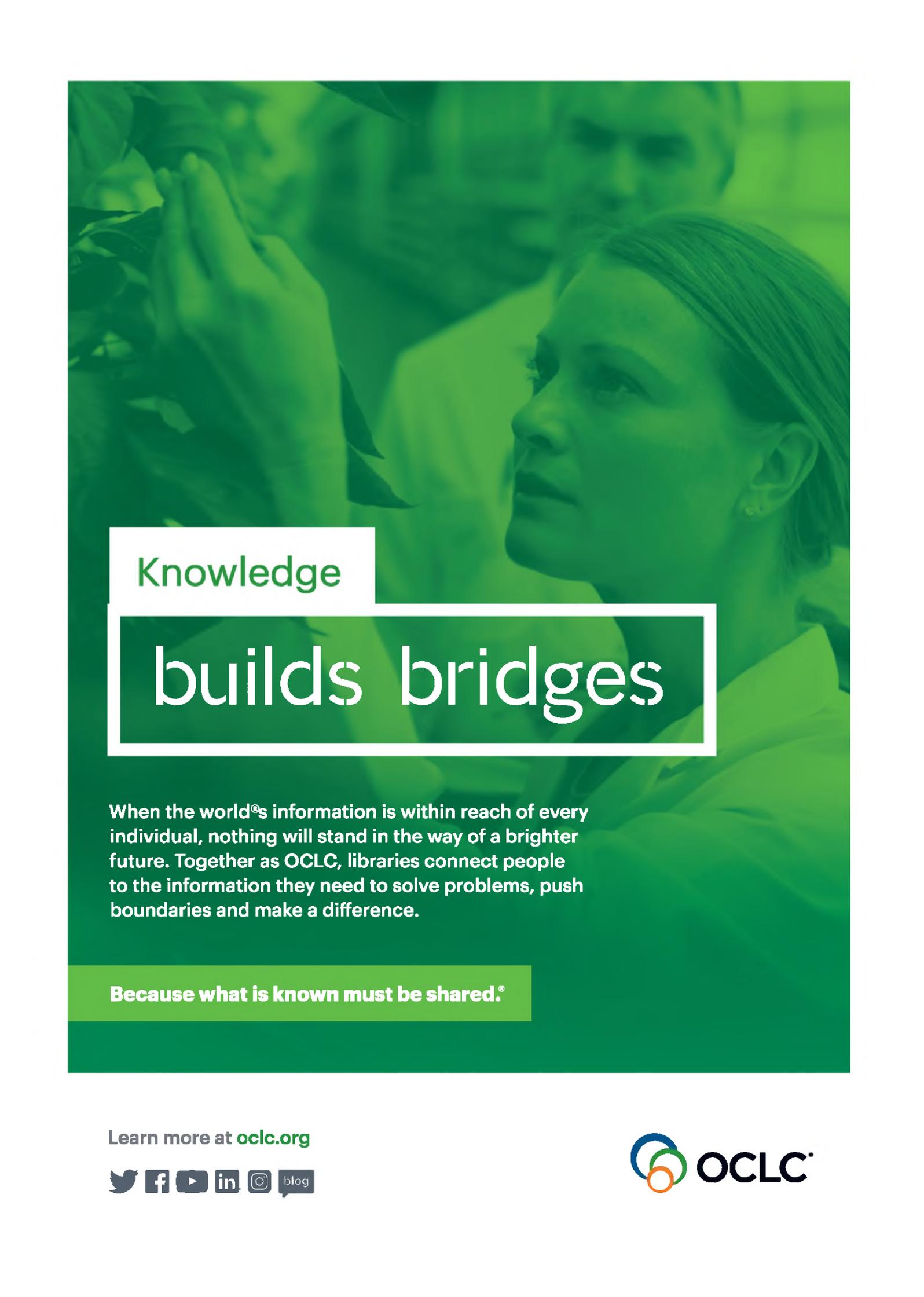
OPEN SCIENCE COMPETENCE CENTRE

open-data@pg.edu.pl

<https://pg.edu.pl/openscience>

Project **"BRIDGE OF DATA - Multidisciplinary Open Transfer Knowledge System - stage II: Open Research Data"** is co-financed by the European Regional Development Fund within the Operational Programme Digital Poland 2014-2020





Knowledge

builds bridges

When the world's information is within reach of every individual, nothing will stand in the way of a brighter future. Together as OCLC, libraries connect people to the information they need to solve problems, push boundaries and make a difference.

Because what is known must be shared.®

Learn more at oclc.org



SPONSORS

PLATINUM SPONSOR



ELSEVIER

BROWN SPONSOR



PATRONAGES



**Honorary Patronage:
His Magnificence Rector
of Gdańsk University of Technology**



**Patronat Honorowy
Prezydent
Miasta Gdańska**

ORGANIZERS

