

EUCLID Newsletter

EUCLID

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Issue #36

The President's editorial

Paavo ARVOLA, Tampereen yliopisto, Finland

Dear Euclid members and others interested,

Bobcatsss has been around for over a quarter of a century. Next year it will take place in **Osijek**, Croatia and 2020 in **Marne-la-Vallée**, next to Paris, France. The conference keeps surprising us with its spirit and novelty over and over again. Its enthusiasm infects the participants and the EUCLID board receives expressions of intent of organizing Bobcatsss. Unfortunately, due to competition, it is possible that not everyone gets a chance to serve as the main organizer of the following Bobcatsss. So far, we have not had a decent protocol for selecting the main organizer.

Therefore, we have launched an **open call for the organizers of BOBCATSSS 2021**, both main organizer and co-organizer. The board will discuss and vote accordingly, if there are more than one main organizer candidates.

The call for main organizers takes place during the period

15.12.2018 - 01.02.2019.

The call for co-organizers and other contributions is continuous.

The main organizer decision for 2021 BOBCATSSS will be made during February 2019 and will be informed to all applicants.

Link to the application form:

<https://goo.gl/q23Chf>

Alternatively send an e-mail to euclid.board@gmail.com

Meet you all in Osijek, Croatia on January!

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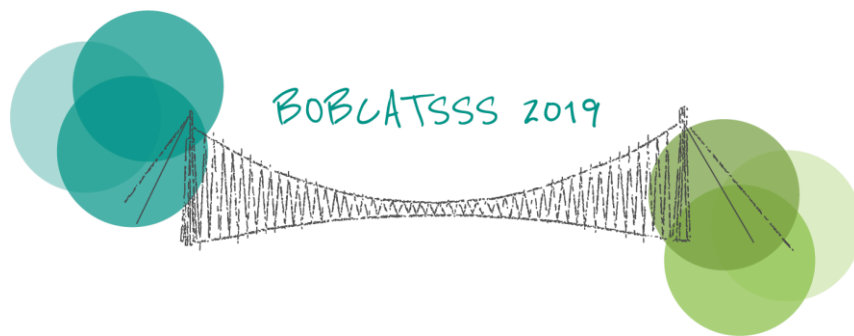
BOBCATSSS 2019 – Information and technology transforming lives: connection, interaction, innovation

Osijek, Croatia (22–24 January 2019)

Ivona GRGIĆ, graduate student igrgic@ffos.hr

Marija BUHIN, graduate student mbuhin@ffos.hr

Odsjek za informacijske znanosti (Department of Information Sciences), Filozofski fakultet (Faculty of Humanities and Social Sciences), Sveučilište Josipa Jurja Strossmayera u Osijeku (Josip Juraj Strossmayer University of Osijek)



The [Department of Information Sciences](#) at University of Osijek, Croatia, is honoured to be the host of the 27th annual library and information science symposium [BOBCATSSS 2019](#) (22–24th January 2019). It is a tradition which has been passed on from one country to another since 1993. As usual, the symposium will be international and have a strong emphasis on student contributions and student and teacher collaborations. From 22nd to 24th January, students and scholars from all around Europe (and wider) will present their papers, posters and workshops on the main topic of the conference: **Information and technology transforming lives: connection, interaction, innovation**, and three conference sub-themes: Information profession(als) and discipline, Social roles of information institutions, and Innovative technologies.

The 2019 symposium is traditionally held under the auspices of EUCLID (European Association for Library and Information Education and Research) and is organized by students and teachers from Department of Information Sciences at [University of Osijek](#), Croatia, [De Haagse Hogeschool](#), The Hague, Netherlands, [Linnéuniversitetet](#), Kalmar and Växjö, Sweden, and [Uppsala universitet](#), Sweden.

Keynote speakers

[Milijana Mičunović](#)

Sveučilište Josipa Jurja Strossmayera u Osijeku
Assistant professor at [Odsjek za informacijske znanosti](#) (Department of Information Sciences)

Milijana Mičunović's interests are relationship between man and technology, social aspects of information and communication technology, free and open software and new technologies, communication in context of digital media and network environment.



Title of keynote lecture:

New industrial revolution, emerging technologies and information institutions: is there a roadmap to the future?

Dr. [Frank HUYSMANS](#)

Universiteit van Amsterdam, Faculteit der Geesteswetenschappen (Faculty of Humanities)
Professor at [Afdeling Mediastudies](#) (Department of Media & Culture)

Frank Huysmans's research areas are library science, in particular with regard to public libraries, the digitization of media use, trends in cultural participation and media use, etc.



Title of keynote lecture:

Creating public libraries for the future: how comparing library systems can help

[Koraljka GOLUB](#)

Linnéuniversitetet, Kalmar and Växjö, Sweden
Associate Professor at [Institutionen för kulturvetenskaper](#), Fakulteten för konst och humaniora (Department of Cultural Sciences, Faculty of Arts and Humanities)

Title of keynote lecture:

From the Library and Information Science Department to the university-wide transdisciplinary iSchool: a model of Linnaeus University



Koraljka Golub's primary research interests lie in the field of digital libraries, with particular focus on knowledge organisation in the context of information retrieval. The latter involves topics such as integrating existing knowledge organization systems with social tagging and/or automated subject indexing, and evaluating resulting end-user information retrieval.



Image of Osijek by Dubravka Krmpota

About Osijek

The fourth largest town in Croatia, Osijek is located inland in the Eastern part of the country on the right bank of the river Drava. Osijek finds its foundations in the ancient times when Romans established colonies in these places. Different cultures have left their traces in this city, since Osijek is strategically well-positioned. It is the main city in Slavonia, North-East Croatia, and once was an important Habsburg military base. A refined architecture typifies the main streets of its Upper Town while now the former Tvrdā fortress houses bars, restaurants and a regional museum. Next to Osijek, there is a must-see Nature Park Kopački rit, declared a part of the Mura-Drava-Danube Biosphere Reserve under UNESCO. Many notable persons are born in the town, such as two Chemistry Nobel Prize winners (Lavoslav Ružička and Vladimir Prelog), the Hollywood producer and winner of two Oscars (for Schindler's List and Gladiator) Branko Lustig, and the abstract painter Julije Knifer. The city is increasingly attracting young population thanks to its university and a growing software development scene. Osijek is also known as a gastronomic capital of Croatia, offering specialties such as fresh fish, deer, organic veggies, homemade pastry, etc. There is a growing craft beer scene too, and its vicinity is well known as a wine-making region. The town is a capital of cycling and every June hosts the [Pannonian Challenge](#), an extreme sports and music festival.

Conference venue

The conference will be held at [Građevinski fakultet Osijek](#) (Faculty of Civil Engineering Osijek) on the address:

1 Ul. kralja Petra Svačića, Osijek, 31000



Faculty of Civil Engineering Osijek

How to reach Osijek

By plane

Travellers can arrive to **Klisa Airport** in Osijek (OSI) via the airline companies: Croatia Airlines, WizzAir, TradeAir, Eurowings. The airport is about 20 km from Osijek. Taxis run regularly from the airport to the town without booking them in advance.

Osijek can also be reached via **Zagreb Airport** (ZAG) which offers more international flights on daily basis. Shuttles from the airport to the **Zagreb Central Bus Station** run regularly. Also, taxis are available for transfer to the city. Osijek can be reached from Zagreb (ca. 280 km) by bus (from Zagreb Central Bus Station, they run approximately every two hours) or train (less frequently). From Zagreb, Osijek can also be reached by rent-a-car.

Another nearby airport is located in Belgrade, Serbia. Taxi and bus transfers from **Belgrade Airport** (BEG) to Belgrade main bus terminal run regularly. Osijek can easily be reached from Belgrade (ca. 250 km) by bus and rent-a-car, etc.

By train

Travellers can reach the train station in Osijek by trains operated by **HŽ** (Hrvatske Željeznice) from the capital city of Croatia, Zagreb.

By bus

Travellers can reach the main bus station in Osijek directly by bus from the Zagreb Central Bus Station (address: Av. Marina Držića 4, Zagreb).

Buses between Osijek and Belgrade run four times a day on all weekdays. Find other international bus lines on websites of bus companies like: Flixbus, Croatia Bus, Euroline, Čazmatrans, Panturist.

Accommodation

Participants are responsible for their own accommodation arrangements. To save your time, we have picked a lovely and suitable accommodation place for you. At the heart of Osijek's pedestrian area there is [Hotel Osijek](#) –the official BOBCATSSS conference hotel. It is close to a quiet port of river Drava and the promenade with the pedestrian bridge, the most popular motives on the cities postcards. Room rates range approximately from 50 EUR to 80 EUR per person depending on the type of room (Classic, Superior and Deluxe). In order to get this price, please indicate that you are participating at BOBCATSSS 2019 when booking. Also in the city very reasonably priced apartments can be found via Booking.com, Airbnb, Trivago...

Some further information about conference, accommodation and travel in Osijek you can find at [official BOBCATSSS2019 webpage](#).

Contact us: bobcatsss2019@gmail.com

Links:

<http://bobcatsss2019.ffos.hr/>
<https://www.facebook.com/Bobcatsss/>
<https://twitter.com/bobcatsss2019>
<https://www.linkedin.com/company/bobcatsss/>
[#bobcatsss2019](https://www.instagram.com/bobcatsss2019/?hl=hr)

Fostering the collaboration between business and universities

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Компютърни науки (Department of Computer Science), Университет по библиотекознание и информационни технологии (State University of Library Studies and Information Technologies), Sofia, Bulgaria



A successful story of the two years Erasmus+ project APIInno:
ACTION PROJECT FOR INNOVATION, #2014-1-BG01-KA203-001561, (2015-2016)

The coordinator of the project was University of Library Studies and Information Technologies, Bulgaria

The APIInno partners were from four countries:

- Knowledge, Innovation and Strategies Management Club, Bulgaria
- ANFI Ventures, Italy
- JODA training, UK
- Middlesex University, UK
- Fundacion Tecnalia Research & Innovation (TECNALIA), Spain

The project's main focus is within the field of innovation management. It attempts to enhance and make the knowledge triangle between industry, higher education and research to generate growth within all three parties. This is achieved by increasing the capacity of academic institutions to integrate innovative practices and approaches in innovation management.

The APIInno aimed at fostering the collaboration between business and universities as one key issue to be targeted by developing an innovative approach and methodology for teaching one of the under-exploited concepts – Innovation Management (IM). The concept of Innovation management is still a key challenge.

The graduate students are equipped with

transferable competences across disciplines and study fields in order to succeed in high-skill occupations. In turn this will benefit small and medium enterprises (SMEs), who will increase awareness of the need for managing innovation in their businesses and have potential employees that are well-versed in the field of innovation management.

However, today's innovation landscape challenges traditional models of innovation and value creation: the shift towards a service-dominated and global economy requires managers to rethink their approach and capacity for innovation. Thus, the project created a path for business and students from different study fields to join forces and work together at a strategic level within business, while creating paths for future growth.

The project is based on cross-functional and cross-disciplinary approach making the final outcomes relevant and adaptable to a wide variety of qualifications and degrees engaging student teams, teachers, researchers and managers in innovation projects with clear market goals.

The main aims and objectives of the project go as follows:



Kick-off meeting, Project Photo Archive

- to provide pedagogical methodology and course plan for obtaining competences, skills and knowledge in IM.
- to provide European HEIs, researchers, experts and SME managers with fully documented training materials and tools in innovation management.
- to increase the competitiveness and the innovation capacity by providing SMEs with the necessary IM tools and practices for their everyday activities.
- to increase the European business and training community awareness and to cultivate a common consciousness about.

In terms of intellectual outputs produced during the project, there were four main ones:

- a methodology for innovation management;
- innovation management course syllabus / curriculum;
- three sets of training materials/handbooks;
- a guide for collaboration between business and academia. heritage and other on Iconographic documentation and mass media.

These outputs were developed in an attempt to provide students and professionals of innovation management with new techniques and approaches towards the discipline. The outputs had a direct impact to a key objective of the project, which was

to promote practically-focused education in the field of innovation management and to ensure that linkages between universities and businesses are created. The outputs are available on the project web site <http://apinno.unibit.bg/>.

In addition, the project outputs increased the capacity of the participating academic institutions to integrate innovative practices and approaches as a core element in their curriculum. This was achieved by implementing experiential learning and developing competences and motivation for teachers and researchers to be better aligned with the needs of the knowledge-intensive market and in particular with the requirements of SME. The output of the innovation management methodology has particularly large impact possibilities, as it is applicable for every type of industry. Finally, in its most general sense, it helped increase the awareness of the project consortium of the need for managing innovation in SME as a key enabler for growth and economic success.

The creation of a partner network was a prominent benefit and the coordinating university was involved in larger networks for entrepreneurs and IT community within Bulgaria. During the project, an additional idea was conceived on a national level; the implementation and description of innovation managers in Bulgaria, which was not done before APInno. The title of innovation manager was an underdeveloped concept, and the outputs and activities undertaken in the project helped reach the decision-makers.

The project final conference was meeting point of more than 50 experts in innovation management from 25 countries which shared their practices.

The project **APInno 2014-1-BG01-KA203-001561** is distinguished as a best practice from Erasmus+ for its important topic, quality of intellectual outcomes and management. It is described in the Erasmus+.

International Copyright Literacy Group

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Libraries and other cultural institutions play an important role in providing a balance between two major aspects related to copyright equation: respecting the rights of information creators and owners alongside those wishing to use their content. Developing high levels of copyright literacy (knowledge, skills and behaviors) and the ability to implement institutional copyright policy is therefore essential for LIS (Library and Information Science) and cultural heritage professionals.

Convinced that the theme of copyright literacy for information professionals was significant and promising, an **International Copyright Literacy Group** was established and has flourished since 2012 to the present day. The beginning of the cooperation was the creation of a **multinational survey of Copyright Literacy Competencies of LIS professionals and those who work in the cultural heritage sector (archives and museums)**, conducted in thirteen countries, namely Bulgaria (BG), Croatia (CR), Finland (FI), France (FR), Hungary (HU), Lithuania (LT), Mexico (MX), Norway (NO), Portugal (PT), Romania (RO), Turkey (TR), United Kingdom (UK) and United States of America (USA). The survey was implemented in two stages: the survey was first conducted in Bulgaria, Croatia, France and Turkey during July 2013 – March 2014 and then the same survey was replicated in the other countries from June 2014 – March 2015. An online survey instrument was developed in order to collect data from professionals regarding their familiarity with, knowledge and awareness of, and

opinions on copyright-related issues. Findings of this study highlight gaps in existing knowledge of copyright, and information about the level of copyright literacy of LIS and cultural sector professionals. The study also investigated attitudes towards copyright in the academic education of LIS professionals and their continuing professional development training programs.

One of the main purposes of the research is to position the meaning of copyright literacy into a wider framework of digital and information literacy. In the period 2015–2018 the survey instrument was extended to Spain, India (in public libraries system) and South Africa. The comparative multinational study was a part of research project with international participation, entitled "Copyright Policies of libraries and other cultural institutions" (2012–2014, financed by National Science Fund of the Bulgarian Ministry of Education, Youth and Science and headed by T. Todorova from University of Library Studies and Information Technologies in Bulgaria).

The body of literature on copyright-related issues within the LIS and cultural sector is now substantial and the publication activities of the International Copyright Literacy Survey Group contribute to this field. An extensive literature review was carried out during the first phase of "Copyright Policies of libraries and other cultural institutions" project. From that review, a thematic bibliography of about 3200 records, entitled as 'Copyright Publications'

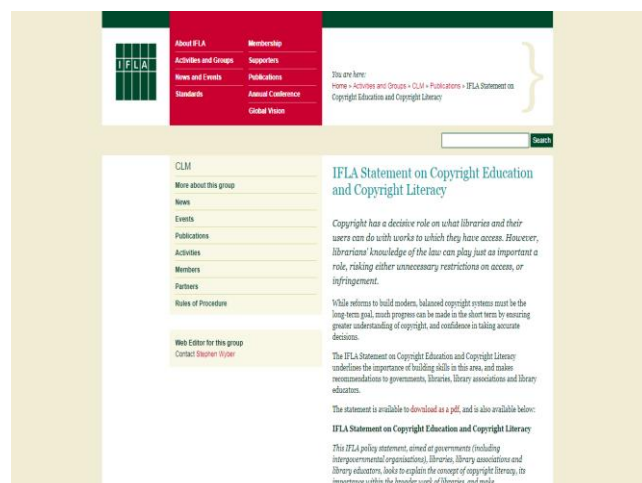
(2003–2013), was published (Vasileva, 2013). Also, four books in the period 2009–2017 about copyright and libraries were published from the researchers in Croatia, Bulgaria and United Kingdom (Horvat and Zivković, 2009; Secker, J. and Morrison, C., 2016; Todorova, 2010, 2017). Comparative results for the four countries (BG, CR, FR, TR) that participated in the first stage have been published in 2014 (Todorova *et al.*, 2014) and a paper with comparative results from thirteen countries was published in August 2017 in a special issue of the Library Management Journal dedicated to the ‘Future Roles of Librarians’ (Todorova *et al.*, 2017). The national survey results for Bulgaria, Finland, France, Hungary, India, Lithuania, Portugal, Romania, Spain, UK and USA were also published.

Jane Secker and Chris Morrison from the UK joined the team in 2014 following the presentation of the results of the CL survey at the European Conference on Information Literacy (ECIL) in Dubrovnik. Together, Jane and Chris created the [UK Copyright Literacy](http://copyrightliteracy.org/about-2/international-copyright-literacy/) website and established the CL Group in UK. Since 2016, together with Tania Todorova, they developed International Copyright Literacy sub-page: <https://copyrightliteracy.org/about-2/international-copyright-literacy/>, making visible and accessible the results of the international research collaboration.



Some of the current activities are: collaboration on *Copyright Literacy Survey of LIS (Library and Information Science) Students (CoLIS)*; organization of: an opening panel at IFLA Congress 2017, Offsite Session “*Models for Copyright Education in Information Literacy Programs*” (23rd August 2017); an international symposium “*Copyright Literacy*

and the role of librarians as educators” at European Conference on Information Literacy (ECIL) (18th September 2017); “*Copyright and Libraries*” Roundtable Discussion, organized by EBLIDA, Bulgarian Library and Information Association (BLIA), the University of Library Studies and Information Technologies and Global Libraries – Bulgaria Foundation with participation of T. Todorova, T. Trencheva (ULSIT) and Jane Secker and Chris Morrison (with video-message) (26th February 2018, House of Europe in Sofia); *International Copyright-Literacy Event with Playful Opportunities for Practitioners and Scholars* by Chris Morrison and Jane Secker (Icepops, 3rd April 2018, LILAC Conference, UK); [Copyright Literacy in a Cross-Border Environment: a workshop to build Copyright Literacy in European libraries](#) by Chris Morrison and Jane Secker (31 May 2018, EBLIDA–NAPLE Conference, Strasbourg, France) and others.



In August 2018, IFLA recognized the fruitful collaboration of the International Copyright Literacy Group, the results of a multinational survey of *Copyright literacy competencies of LIS professionals*; and the publishing activity related to the popularization of the findings. Jane Secker and Chris Morrison collaborated with Stephen Wyber and other experts in preparation of [IFLA statement on copyright education and copyright literacy](#).

It was disseminated widely from August 27th following its release at the IFLA Congress in Kuala Lumpur.

If you would like further information about this work, please do get in touch with the authors.

Resources

CoLIS: *copyright literacy survey of LIS (library and information science) students*. Available at: Information Literacy Association Website: <<http://inlitas.org/?p=163>>

HORVAT, A. and ZIVKOVIĆ, D. (2009), *Knjiznice i autorsko parvo*. Zagreb: Hrvatska sveucilisna naklada.

IFLA. *IFLA statement on copyright education and copyright literacy*. Available at: <<https://www.ifla.org/publications/node/67342>>

International Copyright Literacy. Available from: <<https://copyrightliteracy.org/about-2/international-copyright-literacy/>>

SECKER, J. and MORRISON, C. (2016), *Copyright and E-learning: a guide for practitioners*. London: Facet publishing. [Chapter 6, "Copyright education and training available online"](#).

TODOROVA, Tania (2017), *Copyright c0ompetence and cultural institutions*. Sofia: Za bukvite–O pismeneh. 268 p. (in Bulgarian)

TODOROVA, T. et al. (2017), "Information professionals and copyright literacy: a multinational study". *Library management journal*, Vol. 38, n° 6/7, Special issue *Future roles of librarians* (August 2017), p. 323–344. Available at: <<https://doi.org/10.1108/LM-01-2017-0007>>

TODOROVA, T. et al. (2014), "A multinational study on copyright literacy competencies of LIS professionals". In: European Conference on Information Literacy (2nd : 2014: Dubrovnik). *Information literacy: lifelong learning and digital citizenship in the 21st century*. S. Kurbanoglu et al. (eds.). Heidelberg: Springer–Verlag. CCIS; Vol. 492, p. 138–148.

TODOROVA, Tania (2010, 2nd ed. 2017), *Library policies*. Sofia: Avangard Prima. 192 p. (in Bulgarian)

VASILEVA, R. (2013), *Copyright publications: thematical bibliography*. Sofia: Za bukvite–O pismeneh. (in Bulgarian)

The team are now happy to initiate the voluntary translation on different languages of the IFLA Statement On Copyright Education and Copyright Literacy (licenced under CC–BY), which we hope will stimulate the discussion and activities of this direction widely throughout the world.

Information Studies at the School of Digital Technologies of Tallinn University

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Infoteadused (Study Area of Information Sciences, SAIS), [Digitehnoloogiate instituut](#) (School of Digital Technologies), Tallinna Ülikool (Tallinn University), Tallinn, Estonia

[Tallinn University](#) (TU) is the third largest public university in Estonia, focusing primarily on the fields of humanities and the social and natural sciences. TU is a result of the merger of several higher education institutions, but the history of the predecessors of the university dates back to 1552. Currently study and research is conducted in six disciplines: educational sciences, humanities, the arts, natural sciences, social sciences, and health sciences. It currently has about 7500 students.



The library and information science (LIS) education at TU was established in 1965. Positioning of LIS within the organisational structure of TU has varied considerably since 1965. In the first academic year, librarianship and bibliography belonged to the Department of Estonian Language and Literature within the Faculty of Pedagogy and Primary Instruction. From 1966 to 1969 the Department of Librarianship and Bibliography was within the Faculty of Philology, from 1969 to 1976 within the Faculty of Culture and Music and from 1976 to 1991 within the Faculty of Culture. In September 1991 it became the Faculty of Library and Information Science which consisted of the Chair of Book Science, the Chair of Librarianship and the Chair of Scientific Information and Bibliography. From 1993 to 2008 the Faculty of Social Sciences housed the Department of Information Studies with chairs of Librarianship, Information Science, and Book Studies. In 2008, the previously existing

faculties were reorganised into institutes and the Department of Information Studies continued as an independent institute – the Institute of Information Studies. In 2015, a new structural and management reform resulted in the information science unit becoming a part of the School of Digital Technologies (DT).

The School of DT has the following Study Areas: 1) Information Sciences (SAIS), 2) Human–Computer Interaction, 3) Technology–Enhanced Learning, 4) Applied Informatics, and 5) Mathematics and Didactics of Mathematics. The School aims to integrate these study fields in order to develop interdisciplinary competencies related to the digital information and learning environment. Currently, the School of DT supports the development of the digital information and learning environment and information and digital competencies within the TU.

Thus, LIS education at TU has seen rapid changes in its structure, content of the curricula, teaching and learning methods and the use of technology. Organisational positioning has predominantly influenced the orientation and the content of the curricula.

Currently SAIS offers the following programmes: Bachelor degree in Information Science, Master degree in Information Science, international master in Digital Library Learning (DILL) and PhD studies within the Information Society Technologies doctoral programme. The core of SAIS curricula integrates social, cultural, economic and technological dimensions of information sciences and offers students unique opportunities for cross-disciplinary approaches and research. All SAIS

programmes have close links with libraries and other memory institutions in the region and provide opportunities for studying on campus, in blended and online modes. Graduates of LIS curricula find jobs in the field of document management, information management, information and knowledge management in libraries, archives, museums, and other memory institutions, as well as in public and private sector organizations.

The bachelor's degree in LIS has a curriculum of 180 ECTS (three years full-time). Tight cooperation with other study areas of the School of DT fostered the inclusion of subjects from other BA programmes in the curriculum of information science, for example, the courses from computer science and mathematics programmes.

The master's degree in LIS has a curriculum of 120 ECTS (two years full-time). All the MA curricula taught by the School of DT have a similar structure including courses from each other. For example, the MA programme includes the elective module on Information and Educational Technology (24 ECTS) that aims to support the development of competences needed for the creation and development of technology systems in a learning organisation and to further educate the specialists who have knowledge of the principles and strategies of information and educational technologies.

The Digital Library Learning (DILL) joint master programme was established in cooperation with Oslo University College (later Oslo and Akershus University College), Tallinn University and the University of Parma in 2007 and was supported within the framework of the European Union Erasmus Mundus programme. The DILL programme was coordinated by Oslo University College from 2007, in 2015 TU took over the coordination and from 2017 the University of Parma coordinates the programme. Since the 2015 intake DILL is offered by two universities: TU and the University of Parma. The DILL programme is distinctive because there are few collaborative LIS programmes in Europe, it was the only LIS programme selected by Erasmus Mundus and the only English language programme in the LIS field in Estonia. In addition, the programme has facilitated collaboration with many universities in the world and provided

opportunities for scholars to contribute to the SAIS programmes: Carol Kuhlthau (Rutgers University), Thomas D. Wilson (University of Sheffield/University of Borås), Peter Ingwersen (University of Copenhagen), Etienne Wenger (Wenger-Trayner), Ron Day (Indiana University), Robert M. Hayes (University of California, Los Angeles), Michael Koenig (Long Island University), Louise Limberg (University of Borås), Annemaree Lloyd (Charles Sturt University/University of Borås), Lucy Tedd (Aberystwyth University), Gillian Oliver (Victoria University of Wellington), Abdus Sattar Chaudhry (Kuwait University), Christian Schlögl (Graz University), Jesus Lau (University of Veracruz), Jan Pawlowski (University of Jyväskylä), Judith Broady-Preston (Aberystwyth University), Sheila Webber (University of Sheffield), Bill Johnston (University of Strathclyde), Albert K. Boekhorst (University of Amsterdam/University of Pretoria), etc.

The Doctoral Program in Information and Communication Studies (established in 1991) has today joined the Doctoral Programme in Information Society Technologies of the School of DT.

Research and development activities support the development of curricula. As SAIS only joined the School of DT in September 2015, the integration of research of different study areas of the School is still in process of development. The main ongoing scientific research in the School of DT is related to developing the new generation's distributed learning environments, consisting of interoperable free social software and other pedagogical information and communication technology applications, self-directed learning in hybrid environments, and the integration of bottom-up and top-down ontology for the selection of activities and learning resources. In recent years more attention has been also paid to issues related to university-industry cooperation aspects, and workplace learning. The focus of research in the School extends from the learning environment to the wider information and knowledge environment. SAIS has focused during the last years mainly on two major topics: a) transformation of information culture and practices in the digital environment (new learning environment, information-related competencies (information literacy, digital literacy,

media literacy, data literacy), information culture, information behaviour & information practices, information and knowledge management, leadership); b) digital (born digital and digitized) cultural heritage, digital curation, records management in the digital environment. R&D activities of the School are supported by the Centre for Educational Technology, a Digital Safety Lab and an Interaction Design Lab.

SAIS currently has bilateral Erasmus agreements with 19 universities in Europe – in Austria, Croatia, Czech Republic, Finland, Greece, Italy, Latvia, Lithuania, Norway, Poland, Romania, Spain, and Sweden.

SAIS academic staff have been successful in receiving R&D grants and producing high-level publications during the years. In 2012–2018, SAIS staff carried out 21 R&D projects, including: one FP7 project, one COST action project, 6 Erasmus+ projects, one TEMPUS project, one Textbook project, two international conference projects, and two Erasmus Mundus projects. Partner universities include universities from various regions; for example, from Europe, North America, Australia and New Zealand, Latin America, the Middle East, Western Asia, Central Asia and Caucasus.

SAIS is also active in organizing international conferences and staff members participate in several international conference programme committees (e.g. ECIL, QQML, CECIIS, IC- ININFO, IMCW, EBLIP, ISI, WorldCIST, M-Libraries, EADTU, iPRES, MTSR).

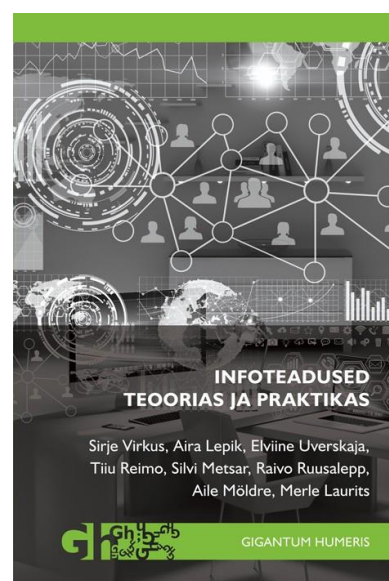
In October 2015, SAIS organised the European Conference on Information Literacy (ECIL2015) in TU which attracted 362 participants. The ECIL conference fosters regular opportunities for

information literacy researchers from all over the world to discuss current research and to network.

Another important event that the SAIS organized in TU was the 11th International Conference on Metadata and Semantics Research in November/December 2017. SAIS staff are also members of the editorial boards or as reviewers of several international peer-reviewed journals and monographs.

Infoteadused teoorias ja praktikas (Information sciences in theory and practice) is the first Estonian language information science textbook in Estonia and was published in October 2017. The compilation of a textbook of more than 700 pages was a significant achievement for a small unit with limited staff.

Currently, the biggest problem for SAIS is the limited number of staff, high teaching load which impacts on their ability to conduct high level research. There is an urgent need to open new positions and reduce staff workload to increase the quantity and quality of research.



For more information, please visit our websites:

- University: <https://www.tlu.ee/en>
- School: <https://www.tlu.ee/en/dt>

Library and Information Management – 10 years of experiences in Bulgaria

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In November 2018, the **Library Management Department** (LMD) at University of Library Studies and Information Technologies (ULSIT) in Sofia, Bulgaria, celebrates ten years of educational, research, project management and creative activity in the field of Library and Information Management. The founder and the first head of the Department is Prof. DSc Ivanka Yankova, who was elected as Dean of the Faculty of Library Studies and Cultural Heritage (FLSCH) in 2011. Since 2011, the Library Management Department has been integrated in the FLSCH structure, and since June 2011, it has been headed by Prof. DSc Tania Todorova. The Department provides training in the three-level cycle of higher education in the following specialties: the educational and qualification degree of Bachelor of Library and Information Management – full-time and part-time training; the educational and qualification degree of Master of Library-Information and Cultural Management – 3 and 4 semesters, in full-time, part-time and distance form of education; and the educational and qualification degree of Doctor in various accredited programs.

The curricula of the specialties at the Library Management Department are equivalent to the programs of foreign higher education institutions and provide conditions for international comparability and educational mobility. In the learning process, students are actively involved in various initiatives, in research and applied activities, and in mobility projects under the Erasmus and Erasmus+ programs of the European Commission (EC), through which they further develop and acquire enriched theoretical and



Library Management Department Staff, 2018
LMD Photo Archive

practical knowledge and skills. An example of informal learning is the annual student conference on the International Book and Copyright Day with the participation of students from all the specialties of ULSIT who publish in the thematic collections *"The book – Our More Meaningful Present"*. From 2013 until today, we initiate the celebration of the International Intellectual Property Day at ULSIT (included as annual event in the calendar of the World Intellectual Property Organization (WIPO), with the organization of scientific seminars and the publication of collections that reflect cooperation between representatives of the academic education and experts from the practice.

We have gained achievements in terms of student and teaching mobility. 15 students from different alumni participated in international projects:

Erasmus “IPBib: Das Grimm-Zentrum – (k)ein Bibliotheksmärchen”, headed by Humboldt University, Germany (with partner universities from Austria, Bulgaria, Czech Republic, Lithuania) as well as in Erasmus “IPLibCMAS: Library-Information and Cultural Management – Academic Summer School” (2011–2013, ULSIT, Sofia as

Coordinator, project manager T. Todorova, and partners from Croatia, France, Hungary, Turkey), which is awarded on the first place and received Certificate for overall quality performance between all projects, realized in Bulgaria in 2012, as part of the Lifelong Learning Program of EC. Student mobility for one semester is successfully realized by our students at the Hochschule der Medien, Stuttgart, Germany and the Jagiellonian University, Krakow, Poland.

Among the current achievements of the Department is co-organizing the upcoming international student symposium--BOBCATSSS 2020 Paris-- with the Université Paris-Est Marne-la-Vallée (as Host) in cooperation with Joumana Boustany.



ULSIT Core Team for co-organizing BOBCATSSS 2020

We have an active teaching mobility exchange with the specialty “Library and Information Sciences and Technologies” at ISCAP at the Polytechnic Institute of Porto, Portugal and the Jagiellonian University, Krakow, with the collaboration and support of our colleagues Monika Krakowska, Ana Lúcia Terra, Milena Carvalho. In winter semester of the AY

2018/2019 the Library Management Department cooperated with Assoc. Prof. Michael Boock, guest – lecturer from Oregon State University, USA in the frame of the Fulbright Scholarship Program.

The Library Management Department faculty and staff have serious achievements in research and publishing activity. Over 50 monographs, textbooks, thematic collections and other handbooks have been published and provided for the educational process.



Thematic areas, on which we are in active scientific exchange are: library management (I. Yankova, T. Todorova, R. Vasileva, E. Savova); intellectual property, copyright and cultural institutions (T. Trencheva, T. Todorova, K. Planska-Simeonova); information management and information literacy (R. Vasileva, S. Stancheva, D. Stoykova); libraries and cultural tourism, cultural policies (M. Modeva); knowledge management (L. Parizhkova); project management, leadership and lobbying, human

resources management (T. Todorova, I. Yankova, R. Vasileva); bibliotherapy and library pedagogy (S. Eftimova); ICT in libraries, digital and mobile libraries (E. Tsvetkova, E. Savova); the culture of reading (L. Parizhkova, D. Stoykova), etc.

In the period 2012–2018, scientists from the Department participated in international research teams for conducting six multi-national comparative studies (Reference competencies of librarians (2012); Information literacy skills and behaviors of LIS students (2013); Students' Print vs Electronic Reading Preferences (2015); Research Data Management (2016–2018); Copyright Literacy Competencies of LIS Professionals (2012–2018); Copyright Literacy of LIS students (CoLIS, 2017–2018), resulting in a variety of publications. We are grateful for the fruitful scientific collaboration with Serap Kurbanoglu (Turkey), Joumana Boustany (France), Laura Saunders and Diane Mizrachi (USA), Jane Secker and Chris Morisson (UK), Aleksandra Horvat and Sonja Spiranec (Croatia) and to many other respected colleagues.

For a ten-year period, 27 research projects with internal funding and 12 projects with external funding under the competition programs of the Scientific Research Fund of the Bulgarian Ministry of Education and Science and of different Operational Programs of the EC were implemented. Our academic staff develops active expertise and consultancy activities, as members of the Bulgarian Library and Information Association, the Association of University Libraries, the Union of Scientists in Bulgaria, the European Association for Library and Information Education and Research

(EUCLID), the UNITWIN/UNESCO Chairs (UNESCO Chair on ICT in Library Studies, Education and Cultural Heritage at ULSIT, Bulgaria) and the Forum UNESCO (FUUH), the European Network of Intellectual Property Teachers, the International Scientific Committee on Cultural Tourism at ICOMOS International, we are experts to the COST Action of the EC and others.

Six graduates of the Library Management Department's Bachelor's Degree program continue their education in master and doctoral programs at ULSIT and at other universities. The distance learning Master's degree program "Library-Information and Cultural Management" is considered a major achievement of the Department. For the first time in Bulgaria, we offered distance learning to interested students from the information and cultural sector. Thus far, six alumni have been admitted to the program and there is a growing interest. In the ten years of the Library Management Department's existence, over 20 PhD students have successfully defended their theses and ten colleagues are in the process of completing their degrees. Our alumni are successfully employed in libraries, information centers, public organizations, business structures, administrations, and media. The communication between the young professionals and the Library Management Department is continuous and highly appreciated. Lecturers and students who have experienced the teaching and scholarship of the Library Management Department continue to develop as successful professionals in the field of library and information education, research and practice nationally and internationally.

News from EUCLID members and partners

Data Value Chain in Science & Territories Conference (14 & 15 March 2019), organized by Comité CODATA-France, Paris-Est Marne-la-Vallée University, Institut francilien d'ingénierie des services and Dicen-IdF Laboratory. Further information on website: WWW.CODATA-FRANCE.ORG, e-mail: DataValueChain2019@gmail.com



The **Eighth Edition** of the International Conference “**New Perspectives in Science Education**” will take place on March 21 and 22, at Grand Hotel Mediterraneo (Florence, Italy). The objective of the New Perspectives in Science Education Conference is to promote transnational cooperation and share good practice in the field of innovation for science education. The New Perspectives in Science Education Conference is also an excellent opportunity for the presentation of previous and current projects in the science field. Further information on: <https://conference.pixel-online.net/NPSE/>



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