

<p align="center">Peter the Great St. Petersburg Polytechnic University</p> 	<p align="center">Leibniz University Hannover</p> 
<p align="center">Information Library Complex</p>	<p align="center">German National Library of Science and Technology (TIB) – Leibniz Information Centre for Science and Technology - University Library</p>
<p align="center">Prof. Alexander Plemnek Director of Information Library Complex</p>	<p align="center">Prof. Dr. Sören Auer Director of TIB</p>
	
<p>Information Library Complex Polytechnicheskaya, 29 195251 St.Petersburg, Russia Phone: +7(812)5527654; E-Mail: plm@unilib.neva.ru</p>	<p>German National Library of Science and Technology (TIB) – Leibniz Information Centre for Science and Technology - University Library Welfengarten 1 B 30167 Hannover, Germany Phone: +49 511 762-2531 E-Mail: direktion@tib.eu</p>

BRIEF DESCRIPTION OF THE UNIT / RESEARCH GROUP

About the German National Library of Science and Technology (TIB) – Leibniz Information Centre for Science and Technology - University Library

TIB represents and operates a national research infrastructure facility for the provision of scientific information covering engineering, information technology, mathematics, physics, chemistry and architecture. TIB is member of the German research organization Leibniz Association comprising over 90 leading institutes from all areas of science. TIB has long-time expertise in developing, managing and preserving knowledge. TIB is actively engaged in promoting Open Access and facilitates unrestricted, free access to scientific information. As a research library, it conducts applied research and development in order to generate new services and optimize existing ones. Its key areas of research are in the fields of Data Science & Digital Libraries, non-textual material, Open Knowledge, Open Science and Visual Analytics. In its capacity as a University Library, TIB ensures that all faculties of Leibniz Universität Hannover are supplied with information.

About the Information Library Complex (ILC) of Peter the Great St. Petersburg Polytechnic University (SPbPU)

ILC of SPbPU joins scientific library, R&D department and digitization center. The library's collection is one of the biggest for technical universities in RF, it includes documents for all areas of engineering, economy and management. ILC develops technology and supports the lifecycle of the university electronic library which includes textbooks and monographs, theses and dissertations, conferences proceedings, university journals and newspapers.

SPbSPU resources, both printed and electronic, are used for information provision of education and research of the university as well as for exchange with Russian and foreign organisations.

WHAT WE OFFER / PROJECT DESCRIPTION

The TIB has an excellent collection of basic and highly-specialised technical and scientific literature. The [TIB Portal](#) provides access to more than 110 million documents and more than 140.000 research artefacts. Through the allocation of Digital Object Identifier (DOI), the TIB is ensuring the permanent availability, accessibility and citability, of research data. In 2009, the TIB founded the DataCite association as DOI registration agency with meanwhile more than 130 international member organizations and hosts the DataCite headquarters. In close cooperation with the L3S research center from Leibniz University Hannover, TIB aims at advancing information, data and knowledge sharing in the digital age for example with its Open Research Knowledge Graph and at facilitating the digitalization of science, industry and society at large.

Both partners are reinventing and modernizing their library systems and services to support a new generation of research rich in technology and digital information. These include enriched discovery portals and services for open science and research.

KEYWORDS

library, science and technology, Digital Object Identifier (DOI), DataCite, ORCID, research data management, metadata exchange of open access documents, development of multilingual thesauri, open science, open research knowledge graph

COLLABORATIONS SOUGHT

- Linking data to open science: Knowledge transfer – raise awareness and best practice on the various topics including research data management, semantic web, persistent identifiers, international metadata standards.
- Metadata exchange:
 - Metadata exchange of additional open access documents i.e research reports and dissertations
 - Integrating the Open Researcher and Contributor Identifier (ORCID) in the metadata records
 - Cooperation in the development of multilingual thesauri using the example of materials science
- Development of a new generation discovery services, provided easy access to partner library resources.
- Exchange lecture courses for seminars and conferences. Joint publications.