

Aims and audience

Digital libraries (DL) that one day will evolve to full fledged knowledge repositories can be seen as complex information systems with many technical, practical and social issues. Building and deployment of such systems require contribution from numerous scientific disciplines.

The purpose of this conference series is to stimulate evolvement of the Russian digital libraries community and encourage research in this field.

RCDL brings Russian scientific and application communities contributing to DL field together and provides an open forum for exchange of experience, ideas and results as well as stimulates communication and co-operation between experts in the field.

We welcome contributions and participation from all interested in relevant aspects of digital libraries including researchers, developers, practitioners, students, postgraduates, policy makers and users.

Participation is sought from all parts of the world stimulating international collaboration in the digital library field.

Attention will be paid to progress of digital libraries research and application projects funded by the Russian Foundation for Basic Research (RFBR) and other programs.

Several collocated pre- and post-conference workshops are expected.

Being major Russian event in the digital libraries field RCDL attracts increasing attention from foreign participants and helps to improve international collaboration.

Relevant topics

The conference topics include but are not limited to:

- Models and standards for information and metainformation representation (including thesauri and ontologies) in DL.
- Methods and tools for data discovery, extraction analysis and retrieval in DL (including audio-visual and mixed data).
- Access to distributed and heterogeneous digital collections: interoperability, scalability, relevant information discovery, and metainformation integration.
- DL architectures. Mobile computing and agents related to digital libraries.
- Human aspects of DL (interaction with and collaboration in DL, personalization, data visualization (rendering) and analysis of data, intellectual property, user communities). DL and changes in information consumption processes.
- Multilingual data access and multilingual data service.
- DL, DL prototypes and digital collections for science, education, culture, health care and management. Deployment and promotion of digital libraries.
- Digital collections in traditional libraries, museums, archives, information centers.
- Advanced technologies of digital collection building, storage and system maintenance.
- Evaluation: metrics, testbeds, results.
- Digital collection cataloging, indexing, annotating, recommendation, maintenance of integrity and consistency.
- DL security and information protection.
- Grid technologies and digital libraries, data grid.

Important dates:

March 31, 2003:	Workshop proposals due
May 10, 2003:	Submissions of extended abstracts due
June 20, 2003	Notification of acceptance
August 20, 2003	Camera ready papers due

www.rcdl2003.spbu.ru

Call for contributions

Submissions are invited for full papers and workshops that clearly demonstrate their relevance to Digital Libraries.

All papers must be original contributions and not previously published nor currently under consideration for publication elsewhere.

Extended abstracts are required at the submission stage. Submitted abstracts should be at least 5 pages long (2500 words) and full version of papers must be with a limit of 10 pages (5000 words). Submissions can be either in Russian or in English.

All contributions will be thoroughly peer-reviewed and accepted papers will be published in the conference proceedings as full papers. At least one author should attend the conference to present the paper.

On submission authors should indicate one of the two directions to which their submission belongs — “Core technologies” or “Practical application and experience”.

“Core technologies” direction is dedicated for research papers that compare or present new architectures, methods and technologies for digital libraries. These papers will be evaluated on the base of originality, technical quality, and demonstrated relation to prior research.

Second direction is dedicated to papers reporting on building real-world Digital Libraries and collections. Program committee solicits submissions covering development of innovative digital libraries, novel applications of digital libraries technology, experience in applying recent research advances to practical cases and deployment of digital libraries. Such papers should be grounded on prior research, theory, or implementation, clearly indicating the new contributions of the work.

Both extended abstracts and full papers are accepted only electronically in Postscript, PDF or RTF formats. Full papers format requirements will be made available at the conference website.

Venue

The northern capital of Russia, Saint Petersburg (www.spb.ru) is one of the most beautiful cities of the world. Several architectural ensembles, created by Russian and European artists, contribute to unique architectural appearance of the city.

Hundreds of museums, including Hermitage and the Russian Museum, host several world-famous collections of pictures and fine arts. Several theatres, including Mariinsky opera and ballet theatre, concert halls, classical philharmonic and jazz philharmonic halls are also working in St.-Petersburg.

In 2003 Saint Petersburg celebrates its 300th anniversary. Extended renovation program is expected to be completed before the official celebration in May, 2003. Several cultural events, such as festivals and exhibitions, will be held in St.-Petersburg during the year 2003. An increased number of visitors is expected.

The conference will be hosted by Saint Petersburg State University – the oldest and one of the largest universities of Russia.

Details

Further details and latest news will be available at the conference web site.

Contact

Boris Novikov

Research Institute for Mathematics and Mechanics of St. Petersburg University
Universitetsky prospekt, 28.
St. Petersburg, 198504

Phone: +7-812-428-4206

Fax: +7-812-428-7039

E-mail: rcdl2003@meta.math.spbu.ru

Conference organization

Organization Chairs:

Vladimir Troyan, St. Petersburg University
Boris Novikov, St. Petersburg University

Program Committee Co-Chairs:

Oleg Siountiourenko, Russian Foundation for Basic Research
Leonid Kalinichenko, Institute for Problems of Informatics, RAS
Boris Novikov, St. Petersburg University

Program Committee:

Jose Luis Borbinha
Vasily Bunakov
Olga Dluzhnevskaya
Boris Dobroff
Anatolii Fedotov
Elza Gousseva
Nikolai Kalenov

Victor Kapustin
Mikhail Kogalovsky
Nikolai Kolchanov
Efim Kudashev
Victor Lebedev
Vladimir Litvin
Jean-Yves Le Meur

Igor Nekrestyanov
Joseph Romanovsky
Vladimir Serebryakov
Ilya Segalovich
Vladislav Shirikov
Guennadi Sigovtsev
Alexandr Tomilin

Alex Ushakov
Vladimir Vdovitsin
Vladimir Voevodin
Victor Zakharov
Sergei Znamenskii

European Coordinator: Yannis Ioannidis, University of Athens, Greece

www.rcdl2003.spbu.ru