

CIT&DS Creativity in intelligent technologies & data science



September 15-17,
2015,
Volgograd, Russia
<http://citds.ru/>

AIMS AND SCOPE

Creativity is the process of breaking out of established patterns; it's the reorganization, recombination or reinterpretation of concepts and ideas for getting something unique and previously unknown. Creating software is one of the most creative activities that humans undertake. It is developed for people and by people and people's creativity can be a good source to improvise solutions to problems for dominating complex systems such as software design and development. The main objective of the CIT&DS 2015 is to bring together researchers and practitioners to share ideas in using creativity to theory and practice in software engineering. The official language of the conference will be **English**.

The conference will consist of regular sessions with technical contributions reviewed and selected by an international program committee from 25 countries, as well as of invited talks and tutorials presented by leading scientists.

Topics of interest for the conference include, but not limited to:

- Computational creativity for science and design
 - Software computer-aided design
 - Knowledge discovery in patent and open sources for creative tasks
 - Conceptual, cognitive and qualitative modeling with application in intelligent decision making
 - Natural language and image processing& analysis
 - Game-based learning technologies in engineering education and educational games design
 - Intelligent technologies in urban development
- Intelligent Decision Support System for Continual improvement process
 - Design creativity in CAD/CAM/CAE/PDM
 - E-inclusion: development of smart mobile applications for people with disabilities
 - Data science in Energy Management & Transportation
 - Personalized Learning in Web-Based Intelligent Educational Systems
 - Data science in social networks analysis

SUBMISSION

Contributions are solicited for the following categories:

- full research papers describing research accomplishments (approximately 5000 words, 10 -15 pages in Springer LNCS/CCIS one-column page format) <http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0> ,
- demonstrations and short communications, i.e. experience reports, project overviews, etc. which do not fully adhere to the standards of a first rate scientific publication, but are nevertheless of interest and value for the participants of the conference,
- proposals for tutorials and panels.

The program committee may decide to accept a submission as a short paper (2000 - 3000 words) if it reports interesting results but does not justify publication of a full paper. It is planned to publish the proceedings (pre-proceedings or post-proceedings of selected papers) with Springer in their Communications in Computer and Information Science series (final approval pending). <http://ocs.springer.com/ocs/home/CITandDS2015>

For their submissions, authors are encouraged to consider the final paper format requirements, as specified at the conference site.

Research papers should be original contributions and should not be accepted or submitted elsewhere until the decisions of the CIT&DS 2015 program committee are announced. **At least one author from every submission accepted to be published is obliged to register and attend the conference.**

TIMETABLE:

Submission of full papers deadline(second call): May 3, 2015	Camera- ready submission deadline: June 20, 2015
Notification of acceptance: June 7, 2015	Conference dates: September, 15-17, 2015

PARTICIPATION FEES:

Early-bird fee: €200.00	Fee: €250.00	Late fee: €300.00	Students fee: €50.00
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The fees don't include accommodation. Students' fee includes paper publication and conference sessions participation only. Please see the conference web for detail.

The Conference is organized in cooperation with Russian Basic Research Fund.

CONFERENCE VENUE: Volgograd State Technical University **ORGANIZATION:** Volgograd State Technical University

General Co-Chairs

Vladimir Lysak , correspondence member of Russian Academy of Science, rector of Volgograd State Technical University	Igor Kalyaev , correspondence member of Russian Academy of Science, director of Research Institute of Multiprocessor Computing Systems	Dmitriy Novikov , correspondence member of Russian Academy of Science, vice-director of Institute of Control Sciences, Russian Academy of Science, Russia
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