

## Second Conference CIT&DS 2017 Creativity in intelligent technologies & data science



September 12-14,  
2017,  
Volgograd, Russia  
<http://citds2017.ru/>

### AIMS AND SCOPE

Creativity is the process of breaking out of established patterns; it is 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 2017 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:

#### 1. Artificial intelligence & Deep Learning Technologies for Creative tasks

- ✓ Knowledge Discovery in Patent and Open Sources
- ✓ Open Science Semantic Technologies
- ✓ Computer Vision and Knowledge-Based Control

#### 2. Cyber-Physical Systems & Big Data-driven world

- ✓ Pro-Active Modeling in Intelligent Decision Making Support
- ✓ Design Creativity in CASE/CAI/CAD/PDM
- ✓ Intelligent Internet of Services and Internet of Things

#### 3. Intelligent Technologies in Social Engineering

- ✓ Data Science in Social Networks Analysis
- ✓ Creativity & Game-Based Learning
- ✓ Intelligent Assistive Technologies: Software Design and Application

### SUBMISSION

Contributions are solicited for the following categories:

- full research papers describing research accomplishments (approximately 5000 words, 12 - 15 pages in the 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 the publication of a full paper. It is planned to publish the proceedings with Springer in their Communications in Computer and Information Science series. <http://ocs.springer.com/ocs/home/CITDS2017>

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 2017 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: April 10, 2017	Camera- ready submission deadline: June 20, 2017
Notification of acceptance: June 6, 2017	Conference dates: September, 12-14, 2017

### PARTICIPATION FEES\*:

Early-bird fee: €250.00 until July 10, 2017	Fee: €300.00 until September 01, 2017	Late fee: €400.00 until September 12, 2017	Students' fee**: €50.00
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\*The fees do not include accommodation.

\*\*Students' fee is applicable to the best-selected papers of students' research teams without professors and/or supervisors among authors. Students' fee includes conference sessions participation only.

Please see the conference web for detail.

The Conference is organized in cooperation with Russian Foundation of Basic Research.

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

### General Co-Chairs

<b>Vladimir Lysak</b> , academician of Russian Academy of Science, rector of Volgograd State Technical University	<b>Igor Kalyaev</b> , academician of Russian Academy of Science, director of Research Institute of Multiprocessor Computing Systems	<b>Dmitriy Novikov</b> , correspondence member of Russian Academy of Science, director of Institute of Control Sciences, Russian Academy of Science, Russia
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### Steering Committee

Vadim Stefanuk	Russian Association of Artificial Intelligence, Moscow, Russia
Shuichiro Yamamoto	Nagoya University, Japan
Vladimir Gorodetsky	St. Petersburg Institute for Informatics and Automation of Russian Academy of Sciences, Russia

### The Program Committee Co-chairs

prof. Alla Kravets, Volgograd State Technical University, Russia	prof. Peter Groumos, University of Patras, Greece
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