5ᵗʰ Conference CIT&DS 2023 Creativity in intelligent technologies & data science

September 11-15, 2023,
Volgograd, Russia
http://citds2023.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 2021 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 29 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**
   1.1. Knowledge Discovery in Patent and Open Sources
   1.2. Open Science Semantic Technologies
   1.3. Computer Vision and Knowledge-Based Control

2. **Cyber-Physical Systems & Big Data-driven world**
   2.1. Pro-Active Modeling in Intelligent Decision Making Support
   2.2. Design Creativity in CASE/CAI/CAD/PDM
   2.3. Intelligent Internet of Services and Internet of Things

3. **Intelligent Technologies in Social Engineering**
   3.1. Data Science in Social Networks Analysis and Cyber Security
   3.2. Creativity & Game-Based Learning
   3.3. Intelligent Technologies in Medicine& Healthcare
   3.4. Intelligent technologies in Urban Design&Computing

SUBMISSION

Contributions are solicited for the following categories:

- **full research papers** describing research accomplishments (approximately 5000 words, 10–15 pages in Springer 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 series.
Paper submission https://lomonosov-msu.ru/eng/event/8201/
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 2023 program committee are announced.
At least one author from every submission accepted to be published is obliged to register https://lomonosov-msu.ru/eng/ **and attend the conference*.**
*We are aware of severe travel restrictions, travel advisories, lock downs across the globe due to current situation. If the situation prevails, the conference and presentation will be hosted through online platforms.

TIMETABLE:

Submission of full papers deadline: June 15, 2023	Camera-ready submission deadline: July 15, 2023
Notification of acceptance: July 01, 2023	Conference dates: September 11-15, 2023

PARTICIPATION FEES*:

Early-bird fee: €250.00 until July 15, 2023	Fee: €300.00 until September 01, 2023	Late fee: €400.00 until September 11, 2023	Students' fee**: €50.00

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

General Co-Chairs

Vladimir Lysak, academician of Russian Academy of Science, Scientific supervisor of Volgograd State Technical University	**Igor Kalyaev**, academician of Russian Academy of Science, Chief Researcher of Research Institute of Multiprocessor Computing Systems, South Federal University	**Dmitriy Novikov**, academician of Russian Academy of Science, director of Institute of Control Sciences, Russian Academy of Science

The Program Committee Co-chairs

prof. Alla Kravets, Volgograd State Technical University, Russia	prof. Maxim Shcherbakov, Volgograd State Technical University, Russia	prof. Peter Groumpos, University of Patras, Greece