Call for Papers

Federal Research Center “Computer Science and Control” of the RAS, Ivannikov Institute for System Programming of the RAS, Lomonosov Moscow State University, St. Petersburg Electrotechnical University “LETI”, and Bauman Moscow State Technical University invite you to participate in the 15th International Conference «Intelligent Systems – 2022» (INTELS’22), that will take place in Moscow, Russia, December 14–16, 2022.

INTELS’22 will focus on areas of intelligent systems and artificial intelligence and their application to sustainable development. INTELS’22 provides a leading international forum that brings together science and industry from diverse fields with the purpose of exploring the fundamentals, technologies, achievements and impact of Artificial Intelligence.

Venue:
Russian Academy of Sciences
32A, Leninskiy prospect, Moscow, Russia

Format: Hybrid (follow the current information on conference site www.intels-conf.ru)

Topics of interest include but not limited to

- Theoretical foundation of intelligent systems
- Logic inference and many-valued logic
- Intelligent and AI-based control
- Optimal control
- Optimization
- Fuzzy systems
- Machine Learning
- Symbolic regression and genetic programming
- Patterns recognition
- Evolutionary computations
- Cognitive systems
- Brain-machine interface systems
- Identification of dynamical plants
- Intelligent aerocosmic systems
- Intelligent systems in bioinformatics
- Big Data Analysis
- Adaptive Security Architecture for intelligent systems
- Autonomous Agents and Things
- Data mining: WEB mining, image mining
- Deep Learning
- Design and implementation of interdisciplinary systems for computer mathematics
- Computer algebra and symbolic computation in theorem proving systems
- Knowledge representation and automated reasoning
- Decision support systems
- Multi-agent systems
- Swarm intelligence in robotics
- Intelligent systems in robotics

Important dates:

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<td>Submission of Full Papers:</td>
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