



16, 17 AND 18 DECEMBER



FIT-M 2021



**MOSCOW
POKROVSKY BULVAR, 11**

Dear Friends!

Greetings from the Organizing Committee of **the** International Scientific Forum on the Application of Information Technologies and Computer Simulations in Scientific Research and Industrial Engineering FIT-M 2021!

We invite you to take part in FIT-M 2021!

The forum will be held in three formats on 8 technological tracks!

3 FORMATS:

- **Conference MACSPro'2021**
- **Reactor** - a series of master classes, intensives and workshops
- **Hackathon**

8 TRACKS of IT technological directions for scientific research, industrial technologies and business processes Industry 4.0

- High performance computing and big data
- Artificial intelligence and artificial neural networks
- Computer simulations for science and engineering
- Digital twins and digital shadows
- VR / AR
- Internet of Things
- Blockchain
- Cybersecurity

Forum website <https://fit-m.org/eng/>

Scientists, researchers of exact, natural science disciplines; engineers, experts and specialists in the industrial sector; and, of course, innovative IT companies, as well as representatives of government authorities and specialized structures are invited to participate in the work of **FIT-M 2021**. The main *critterion for the selection* of reports is the practical use of technologies in the practice of scientific research and innovative industrial developments with an *emphasis on methodology*, as well as a *critical analysis* of the entire chain of processes of organizing scientific fundamental and industrial engineering activities using computer technologies.

Conference MACSPro'2021

MACSPro'2021 conference is intended to bring together people working on theory and practice of analysis of complex systems in different domains and industries with the goal to encourage technology transfer from cutting edge research to business critical systems. The conference focuses on the applications of mathematical modeling to complex systems observed in astrophysics, geophysics, bioinformatics, chemistry, and human society processes, presented by computational sociology, philosophy and digital humanities.

CALL FOR PAPERS

Date: December 16, 17 and 18, 2021.

Format: Hybrid (online and offline)

Location: 11 Pokrovsky Blvd., Moscow, 109028

MACSPRO'2021 KEY DATES

September 15 - deadline for the receipt of applications with abstracts

September 25 - deadline for personal notification of authors on the results of selection of applications to the Program Committee

October 30 - deadline for accepting papers for publication in the collection of papers on CEUR Workshop Proceedings service

November 07 - deadline for the registration fee

November 10 - deadline for personal notification of authors about the results of selection of submitted papers to the Program Committee

November 15 - the deadline for personal notification of the authors of the best papers according to the Program Committee. These articles may be submitted to Springer Proceedings Series, such as Lecture Notes in Computer Science (LNCS) or Communications in Computer and Information Science (CCIS). Authors will then be asked to adapt (with slight modifications) their paper to the Springer LNCS template in LATEX by **November 25**

CONFERENCE TOPICS

The MACSPro'2021 program includes the following topics:

- ✓ Mathematical modeling and artificial intelligence in the natural sciences
- ✓ Algorithms and Applications of Machine Learning
- ✓ Intelligent Decision Making and Applied Game Theory
- ✓ Computational social science and network analysis
- ✓ Digital humanities, computational philosophy, and computer science
- ✓ Multi-Agent Systems
- ✓ Technological Mining
- ✓ Testing of Complex Systems
- ✓ Machine learning and plasma physics (Special Section)

The conference considers scholarly articles in computer and information sciences, and supports interdisciplinary research on computer science methods in complex fields

Best regards
and hope for fruitful cooperation,

Co-Chair of the Organizing Committee
Dr. Sc., Professor, Academic Supervisor, Acting
Director HSE Tikhonov Moscow Institute of
Electronics and Mathematics (MIEM HSE)

Evgenii Krouk

Co-Chair of the Organizing Committee
CEO ANNA Systems

Tim Kham

Co-Chair of the Program Committee
Professor University of Nova Gorica

Sasha Shapoval

For all additional questions of interest to you, please contact the office of the organizers
info@fit-m.org

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