

**THE 2ND INTERNATIONAL WORKSHOP
ON ADVANCED INFORMATION AND
COMPUTATION TECHNOLOGIES AND SYSTEMS**



AICTS 2021

<https://aicts.icc.ru>



December 6-10, 2021, Irkutsk, Russia

**THE 2ND INTERNATIONAL WORKSHOP
ON ADVANCED INFORMATION AND COMPUTATION
TECHNOLOGIES AND SYSTEMS (AICTS 2021)**

Matrosov Institute for System Dynamics and Control Theory of the Siberian Branch of the Russian Academy of Sciences (Irkutsk, Russia) invites you to participate in the 2nd International Workshop on Advanced Information and Computation Technologies and Systems (AICTS 2021), which will take place in Irkutsk, Russia (December 6-10, 2021).

The workshop addresses the theoretical and practical challenges in developing and using advanced information and computation technologies and systems related to various subject domains of information, technical, economic, and other fields of human activity. It is supposed to discuss innovative ideas and achievements on the aforementioned technologies and systems.

The workshop is co-located with the Lyapunov Readings Conference, which is traditionally held in our institute at the end of the year. The languages of the Workshop are English and Russian. We share the workshop participant concerns associated with the CODID-19 pandemic.

We will be monitoring the COVID-19 situation. If this situation will favorable, we will hope for the physical presence of the workshop participants. Otherwise, we will allow authors to present their accepted work remotely.

All news information related to holding the workshop will be presented in the NEWS section of the workshop website <https://aicts.icc.ru>.

PROGRAM COMMITTEE CHAIR

Igor Bychkov, Matrosov Institute for System Dynamics and Control Theory of the Siberian Branch of the Russian Academy of Sciences, Irkutsk, Russia

ORGANIZING COMMITTEE CHAIR

Alexander Feoktistov, Matrosov Institute for System Dynamics and Control Theory of the Siberian Branch of the Russian Academy of Sciences, Irkutsk, Russia

TOPICS

The workshop scope is research in the following fields: theoretical foundation, algorithms, and models; methods and tools for the development and application; mathematical modeling; artificial intelligence; agents; robots; Internet of Things; decision-making support; parallel and distributed computing; data science; education; geoinformatics; energy; nature management and monitoring.

For the convenience of the workshop participants, the aforementioned research fields are grouped into the following four topics:

- Information and telecommunication technologies and systems,
- Mathematical modeling of complex technologies and systems,
- Intelligent technologies and systems,
- Parallel and distributed computing technologies and systems.

IMPORTANT DATES

Deadline for Submission: October 8, 2021.

Notification of Acceptance: November 19, 2021.

Submission of Final Manuscripts: November 26, 2021.

Workshop: December 6-10, 2021.

Publication of the AICTS 2021 Proceedings: February 2022.

CALL FOR PAPERS

Works are accepted in English.

A paper is registered and submitted through the EasyChair Conference System. A paper has at least 6 [CEURART paper style](#) pages.

Authors must prepare their papers using the [Microsoft Word](#) or [LaTeX](#) templates with the additional Workshop and Copyright information. The template-based prepared papers are converted to PDF for submitting through the EasyChair Conference System.

All papers submitted to the workshop will be reviewed by experts from the International Program Committee and their subreviewers. To form a pool of subreviewers and provide the advanced review process, we kindly ask the authors of each paper to suggest two potential reviewers for their papers, not affiliated with them. After the paper submission, its authors should send the following information for each potential reviewer to the Organizing Committee Chair on agf65@yandex.ru: First name, Last name, e-mail, Affiliation, Country.

All papers accepted to the workshop will be published in the proceedings. Proceedings of AICTS 2021 will be submitted in [CEUR-WS Proceedings](#).

At least one of the authors of the accepted report for AICTS 2021 is required to present it during the workshop session according to the program that will be shared on the workshop site. The presentation slides should be prepared in English.

REQUIREMENTS FOR THE AUTHORS OF PAPERS

CEUR-WS Proceedings reinforces the requirements for the authors of papers in the submitted proceedings. In this regard, we note that the list of authors should include at least one co-author with at least 5 publications indexed in the DBLP computer science bibliography (<https://dblp.uni-trier.de/>). In addition, please check that the first and last names of all co-authors of your paper are spelled as they appear in DBLP.

REGISTRATION FEE

The registration fee will depend on the participation form (virtual or physical). In the case of virtual participation, no fee is charged. The fee value for physical participation will be determined later.

PREVIOUS WORKSHOPS

AICTS 2020	
Website	https://aicts.icc.ru/archive/2020/
Program	https://aicts.icc.ru/files/2020/AICTS_2020_Program.pdf
Proceedings	http://ceur-ws.org/Vol-2858/

If you have any questions, feel free to contact with the

Organizing Committee Chair

Alexander Feoktistov

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