

**THE 3RD INTERNATIONAL WORKSHOP ON INFORMATION,  
COMPUTATION, AND CONTROL SYSTEMS FOR  
DISTRIBUTED ENVIRONMENTS**



**ICCS-DE 2021**

**<https://iccs-de.icc.ru>**



**July 5-9, 2021, Irkutsk, Russia**

# **THE 3RD INTERNATIONAL WORKSHOP ON INFORMATION, COMPUTATION, AND CONTROL SYSTEMS FOR DISTRIBUTED ENVIRONMENTS (ICCS-DE 2021)**

Matrosov Institute for System Dynamics and Control Theory of Siberian Branch of Russian Academy of Sciences, Irkutsk, Russia and CICESE Research Center, Ensenada, Mexico invite you to participate in the 3rd International Workshop on Information, Computation, and Control Systems for Distributed Environments (ICCS-DE 2021), which will take place in Irkutsk, Russia (July 5-9, 2021).

This workshop addresses the theory and practice in developing information, computing, and control systems related to different subject domains of information, technical, economic, and other fields of human activity. Special attention will be paid to the systems that function in various distributed environments. The languages of the workshop are English and Russian.

## **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

## **PROGRAM COMMITTEE CO-CHAIR**

**Andrei Tchernykh**, CICESE Research Center, Ensenada, Mexico

## **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

## CONFERENCE LOCATION AND VENUE

The ICCS-DE 2021 is held in the Institute for System Dynamics and Control Theory SB RAS Russia

Address: Irkutsk, 664033, Lermontov St. 134

## WORKSHOP TOPICS

### 1. Information and telecommunication systems

- Theoretical foundation of information and telecommunication systems
- Methods, tools, and technologies for developing information and telecommunication systems
- Applications of information and telecommunication systems
- Geographic information systems
- Data science
- Advanced systems in education

### 2. Mathematical modeling of complex systems

- Models, algorithms, and methods for system modeling
- Logical analysis and optimization of systems
- Toolkits and languages for system modeling
- Mathematical modeling applications

### 3. Intelligent systems

- Theoretical foundation of intelligent systems
- Control systems
- Decision support systems
- Multi-agent systems
- Systems based on the Internet of Things
- Applications of intelligent systems

### 4. Parallel and distributed computing systems

- Theory of parallel and distributed computing systems, program analysis
- Technologies of parallel and distributed computing
- Grid, cloud, fog, and edge computing
- Multi-agent management for parallel and distributed computing
- Big data processing and analyzing
- Applications of parallel and distributed computing systems

## IMPORTANT DATES

Start of report registrations and paper submissions: **December 23, 2020**

Deadline for Submission: **May 2, 2021**

Notification of Acceptance: **June 6, 2021**

Submission of Final Manuscripts: **June 20, 2021**

Workshop: **July 5–9, 2021**

Participators of the Program and Organizing Committees, our speakers, requirements for the preparation of papers, and other additional information are presented on the workshop website (<https://iccs-de.icc.ru/>).

## PREVIOUS WORKSHOPS

ICCS-DE 2019	
Website	<a href="https://iccs-de.icc.ru/en/2019/index.php">https://iccs-de.icc.ru/en/2019/index.php</a>
Program	<a href="https://iccs-de.icc.ru/files/ICCS-DE_2019_Program.pdf">https://iccs-de.icc.ru/files/ICCS-DE_2019_Program.pdf</a>
Proceedings	<a href="http://ceur-ws.org/Vol-2430/">http://ceur-ws.org/Vol-2430/</a>
ICCS-DE 2020	
Website	<a href="https://iccs-de.icc.ru/en/2020/index.php">https://iccs-de.icc.ru/en/2020/index.php</a>
Program	<a href="https://iccs-de.icc.ru/files/2020/ICCS-DE_2020_Program.pdf">https://iccs-de.icc.ru/files/2020/ICCS-DE_2020_Program.pdf</a>
Proceedings	<a href="http://ceur-ws.org/Vol-2638/">http://ceur-ws.org/Vol-2638/</a>

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

**Alexander Feoktistov**

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