

**IX INTERNATIONAL WORKSHOP:
«CRITICAL INFRASTRUCTURES IN THE DIGITAL WORLD»
(IWCI - 2022)**

First Information Letter

Organizers: Melentiev Energy System Institute SB RAS, Irkutsk
ANE of scientific and educational projects « Institute of Information Technologies
and Cybersecurity »

Dates: March 16 - March 21, 2022.

Venue: Russia, Siberia, Irkutsk region, Bolshoe Goloustnoe

Working language: English (for reports); English and Russian – for Round Tables.

Scientific topics:

1. Critical Infrastructures, critically important object and quality of life; intelligent and digital energetics as one of the critical infrastructures.
2. The Digital World: requirements for critical infrastructures, cyber security of critical infrastructures, IT for Smart Grid and Green Energy, cyberphysical systems, digital twins, resilience of energy and socio-ecological systems.
3. Contingency Management in Critical Infrastructures based on integration of mathematics and intelligent technologies: theory, methods, development trends.
4. Theoretical and methodological issues of development and integration of intelligent, agent-based and cloud computing for contingency management in critical infrastructures.
5. Situational Awareness, Semiotics, Visual Analytics, Semantic Modeling and Cognitive Graphics and their applications in critical infrastructures.
6. Application of intelligent, agent-based and cloud computing to support decision making in Smart power systems, taking into account energy security requirements.
7. Methods, technologies and tools for processing of data streams in smart power systems; the possibility to apply the concept of Big Data for scientific and technological forecasting.

Workshop schedule:

March 16, 2022 – transfer Irkutsk - Baikal.

March 17 - March 20, 2022 – scientific sessions and discussions.

March 21, 2022 – transfer Baikal - Irkutsk.

Deadlines:

February 21, 2022	Accepting applications for participation in Workshop and abstracts for publication (in English)
March 1, 2022	Sending invitations and additional information
March 15, 2022	Conference participation fee (Registration fee – 3000 rubles)
After April 2, 2022	The decision to accept full-text articles in English.

Publication of abstracts (in English) before the start of the seminar.

Registration and abstract submission is carried out on the site:

<https://conf.isem.irk.ru/e/IWCI-2022>

Conditions of participation:

Participation is possible only with a report. It's possible participation of accompanying persons.
Venue - Irkutsk region, Bolshoe Goloustnoe, camp. "Russkoe podvor'e"

Financial conditions will be announced after their clarification at the 1st february 2022.

Prices last year: The cost of living in a double room – 1000-1500 rubles, single accommodation – 2000 rubles. On the deadline of payment and the procedure for organizational fees payment will be reported in the invitations.

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