



**VI INTERNATIONAL WORKSHOP: «CRITICAL
INFRASTRUCTURES IN THE DIGITAL WORLD»
(IWCI - 2019)
First Information Letter**

Organizer: Melentiev Energy System Institute SB RAS, Irkutsk

Dates: March, 17-24, 2019.

Venue: Russia, Siberia, Baikalsk.

Working language: English.

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.
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 17, 2019 – transfer Irkutsk - Baikal.

March 18-23, 2019 – scientific sessions and discussions.

March 24, 2019 – transfer Baikal - Irkutsk.

Deadlines:

February 1, 2019 – accepting applications for participation in Workshop and abstracts for publication (in English)

February 15, 2019 – Sending invitations and additional information

March 24, 2019 – reception of full texts of reports for publication in English. Publication of abstracts (in English) before the seminar. Full versions of the reports after the review will be published in Workshop Proceedings indexed in Web of Sciences.

Conditions of participation:

Participation is possible only with a report. It's possible participation of accompanying persons. The venue is being specified and will be announced additionally.

Financial conditions: the cost of living (with breakfast) in a double room - 2700 rubles, single accommodation - 3000-4400 rubles. Lunch and Dinner - 650 rub. per day / person. Registration fee - 3000 rubles. On the deadline of payment and the procedure for organizational fees payment will be reported in the invitations.

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