

Call for Papers

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

16-21 March, 2022

General information

IWCI Workshop is a forum for presentation of new results in research, development and applications in computer science. We welcome everybody to submit papers, take part in the workshop and present their research results. Science topics include, but are not limited to:

- Critical infrastructures, critically important object and quality of life; intelligent energetics as one of the critical infrastructures; cyber security of critical infrastructures.
- The Digital World: requirements for critical infrastructures, cyber security of critical infrastructures, IT for Smart Grid and Green Energy.
- Contingency management in critical infrastructures based on integration of mathematics and intelligent technologies: theory, methods, development trends.
- Theoretical and methodological issues of development and integration of intelligent, agent-based and cloud computing for contingency management in critical infrastructures.
- Situational awareness, semiotics, visual analytics, semantic modeling and their applications in critical infrastructures.
- Application of intelligent, agent-based and cloud computing to support decision making in Smart power systems, taking into account energy security requirements.
- 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.

Publication. Workshop considers two steps submission: abstract submissions (1-2 pages according to the template) before the workshop and full papers submissions (10-12 pages) after the workshop. Submission will be through the Indico system. All submitted abstracts and papers will be blind-reviewed by the program committee. All accepted abstracts will be invited for the presentation at the workshop. Selected papers of the workshop will be published as proceedings volume.

Deadlines

February 21, 2022	Accepting applications for participation in Workshop and abstracts for submission (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 papers in English.

Registration and abstract submission is carried out on the site: <https://conf.isem.irk.ru/e/IWCI-2022>

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