



Call for Papers

2018 Global Smart Industry Conference (GloSIC'2018)

November 13-15, 2018

South Ural State University (national research university),
Chelyabinsk, Russian Federation

The 2018 Global Smart Industry Conference is organized in order to exchange achievements of the world's leading universities and research centers in the field of innovative models, methods and technologies for the digital industry and the experience of their implementation in large transnational and domestic industrial companies. The conference will be held in Chelyabinsk, Russian Federation, on November 13-15, 2018.

CONFERENCE CHAIR:

Michael Train, president of Emerson corp., USA.

Co-Chairs:

- Shestakov A.L., rector of the South Ural State University, Chelyabinsk, Russia.
- Rudskoy A.I., rector of Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, Russia.

CONFERENCES TOPICS:

1. Condition monitoring and control for intelligent manufacturing
2. Industrial robotics
3. Components of and sensors
4. Wireless sensor and actuator networks
5. Digital Twins technologies
6. Additive manufacturing technologies
7. Big data, machine learning and artificial intelligence for Industry 4.0 management
8. Human-machine interaction in industrial systems
9. Security and privacy protection in industrial networks
10. Virtual and augmented realities for Industry 4.0
11. Cloud and high-performance computing for smart factory
12. Basic research for Industry 4.0
13. New educational technologies for Industry 4.0

Languages of the conference: English and Russian.

IMPORTANT DATES:

- Deadline for abstract submission is August 01, 2018.
- Deadline for paper submission is August 15, 2018.
- Notification of Acceptance is September 20, 2018.
- Camera Ready Paper is October 01, 2018.

REGISTRATION FEE

You should pay the registration fee before the beginning of the conference. The registration fee needs to be paid only upon receipt of the official invitation letter,

which will be sent to the corresponding author by email. Registration fee does not include the visa support, travel expenses, accommodation and meals. Registration fee per one paper for non-IEEE membership is 150 USD, for IEEE membership is 100 USD and for IEEE student membership is free.

REQUIREMENTS FOR SCIENTIFIC CONTENT

Only scientific articles that correspond to the profile of the Conference and reflect to the results of theoretical and experimental studies of the authors will be accepted for publication.

The International Program Committee will make the selection of papers. Papers will be reviewed for the technical merit and content. Only original, unpublished contributions will be considered.

The article should contain:

- the relevance (subject matter of the article should be interest to the scientific community in terms of the current development of science and technology);
- the scientific character (the article should deal with the consideration of the scientific aspects of the problem, even if the task itself has a practical bias);
- the originality (the presented results in the article should contain a scientific novelty; the survey articles must be approved by the special decision of the editorial board).

Article must be clearly structured for generally acceptance in scientific publications sections, namely it may include: introduction; relevance, scientific significance of the question with a brief review of the literature; formulation of the problem; the theoretical part; practical significance, suggestions and case studies, the results of experiments; conclusions.

The number of authors is not more than six. The number of articles that the author may submit to one collection should not be more than two. The volume of the article is: 6-8 full pages.

The proceedings of the conference will be submitted to IEEE Xplore, Scopus and Web of Science for indexing.

The conference is supported by:

- Russian Foundation for Basic Research;
- South Ural State University, Chelyabinsk, Russia;
- Emerson Electric Co.;
- IEEE Russia Siberia Section;
- South Ural IEEE Chapter.

More information: <http://glosic.susu.ru>