



Call for Papers

2020 Global Smart Industry Conference (GloSIC'2020)

November 17-19, 2020

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

The 2020 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 17-19, 2020.

CONFERENCE CHAIR:

Michael Train, president of Emerson corp., USA.

Co-Chairs:

- Shestakov A.L., rector of the South Ural State University, president of International Scientific-Technical Society of Instrument Engineers and Metrologists, Chelyabinsk, Russia.
- Masatoshi Ishikawa, president of International Measurement Confederation (IMEKO), Japan.
- 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. Sensors and their components
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. Cybersecurity in digital industry
9. Virtual and augmented realities for Industry 4.0
10. Cloud and high-performance computing for smart factory

Languages of the conference: English and Russian.

IMPORTANT DATES:

- Deadline for abstract submission is May 11, 2020.
- Deadline for paper submission is August 03, 2020.
- Notification of Acceptance is September 21, 2020.
- Camera Ready Paper is October 01, 2020.

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 is 2000 rubles. Registration fee for IEEE membership and for IEEE student membership is free.

REQUIREMENTS FOR SCIENTIFIC CONTENT

GloSIC admits original scientific papers in English that present novel theoretical and/or experimental results in the conference scope and have not been previously published and are not being submitted to another conference or journal.

The International Program Committee will select papers according to their content, theoretical and practical contribution, and quality of English. Content of the paper should meet the following basic requirements:

- topicality (the paper should consider some problem of state-of-the-art science and/or technology that is interesting to the scientific community);
- scientific nature (the paper should consider scientific aspects of the problem, even if the task itself has a practical application);
- originality (the paper should present novel results; the survey paper must be approved by the special decision of the Program Committee).

The paper must have a clear structure with the following sections that generally accepted for scientific publications. An introduction where the topicality and scientific significance of the study is claimed; a brief review of the related works; problem statement and theoretical part of the study; the practical part of the study (the implementation of programs or prototypes of devices, case studies, experimental results, etc.); conclusions.

The paper should be co-authored by no more than six authors. The number of papers that one author can submit should be no more than two. The volume of the paper is 6-8 pages (IEEE two-columns format).

The proceedings of the conference will be submitted to IEEE Xplore for indexing.

The conference is supported by:

- Russian Foundation for Basic Research;
- South Ural State University, Chelyabinsk, Russia;
- Emerson Electric Co.;
- International Measurement Confederation (IMEKO);
- International Scientific-Technical Society of Instrument Engineers and Metrologists;
- IEEE Russia Siberia Section;
- South Ural IEEE Chapter.

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