



XXII INTERNATIONAL CONFERENCE ON SOFT COMPUTING AND MEASUREMENT

May, 23 - 25, 2019

SCM'2019

Russia, Saint-Petersburg

INFORMATION LETTER

XXII International Conference on Soft Computing and Measurement (SCM'2019) will take place on May 23 - 25, 2019 at Saint Petersburg Electrotechnical University "LETI", St. Petersburg, Russia.

ORGANIZERS

- International Fuzzy Systems Association
- Institute of Electrical and Electronics Engineers. IEEE Russia North West Section.
- Ministry of Science and Higher Education of the Russian Federation
- Russian Association for Artificial Intelligence
- Russian Association for Fuzzy Systems and Soft Computing
- Saint Petersburg Electrotechnical University «LETI»

The Youth School for Soft Computing and Measurement (for students and graduate students) will work within the framework of the conference.

The proceedings are going to be published digitally on USB to the opening of the conference.

TOPICS OF THE CONFERENCE

- Uncertainty in Measurement and Computing. General measurement theory. Measures and Scales.
- Probabilistic Models and Computing. Bayesian Approach and optimization of solution output.

- Fuzzy Sets, Genetic Algorithms.
- Methods and Tools of Intelligent Measurement and Computing
- Intelligent robotic technology.
- Systems for Control and Decision Support under Uncertainty.
- Data mining, Big Data, Data Science.
- Cognitive computing. Neurocomputing. Machine learning.
- Distributed computing and networking. Cloud Computing, Fog computing.
- Application systems based on Soft Computing and Measurement.
- Intelligent learning systems.
- Natural-like algorithms and models for artificial intelligence systems.
- Sessions: The uncertainty in the measurements and calculations. Probabilistic methods in the processing of information. The Bayesian approach/
- Systems simulation. Complex objects control in the condition of uncertainty.
- Neurocomputing networks, genetic algorithms and their applications.
- Methods and tools for the design of expert systems and decision support systems.
- Intelligent measurements systems. New approaches in measurements: intellectual, soft and fuzzy measurements.
- Environmental information systems.
- Application of decision support systems in the economy and the social sphere.

International Program Committee:

Honorary Program Chairman - Prof. Witold Pedrycz, Canada
Co-chairmen – Prof. S.V. Prokopchina, Russia; Dr. A.N. Averkin, Russia;
Prof. M.S. Kupriyanov, Russia; Dr. S.O. Shaposhnikov, Russia

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Russian and English are the official languages of the conference.

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6. Environmental information systems.
7. Application of decision support systems in the economy and the social sphere.

PROCEDURE OF THE REGISTRATION FOR THE CONFERENCE

Until March 15, 2019 - participants register for the conference.

Until April 1, 2019 - the authors upload the papers, as well as a file with the information necessary for placement in the RINC, in their personal account at the conference site.

The papers must follow the two-column A4 format of Manuscript Template for Conference Proceedings. In the title of the file write down: the name of the author who is making a presentation_the first word of the title of the paper_English, for example:

Petrov_Problems_eng, - in .doc format.

Please note that limit of pages for one paper is 4.

In the name of the file with the information required for placement in the Russian citation index, write down: the name of the author who is making the presentation _the first word of the title of the paper _info, for example: Petrov_Problems_info, - in the format .doc.

Until April 15, 2019 - submitted papers will undergo peer review.

The Organizing Committee will send a response confirming the acceptance of the paper for publication.

Until April 22, 2019 - after receiving confirmation, authors should

pay an organizational fee and download a receipt for payment in their personal account at the conference site.

Until May 6, 2019 - please send an e-mail confirmation of the arrival of speakers and co-authors at the conference to irvc.eltech@mail.ru. This is necessary for registration of passes to the territory of ETU "LETI".

The program and organizational committees reserve the right to reject the application for participation in the conference.

Registration fee for participants who are not citizens of the Russian Federation - 200 euros.

Attention! Payment of the registration fee should be made only after confirmation of participation received from the Organizing Committee. No refund is possible!

If you pay through the organization, you can contact the Organizing Committee in advance so that payment can be made no later than April 22!

Requisites for non-cash transfer will be sent via e-mail after the Organizing Committee send a confirmation of the acceptance of the paper for publication.

Phone (812) 346-46-37
E-mail: IRVC.eltech@mail.ru

WWW.SCM.ETU.RU