



Rostov State Transport University (Russia)
VŠB – Technical University of Ostrava (Czech Republic)
Russian Association for Artificial Intelligence

4-th International Scientific Conference
“Intelligent information technologies for industry” (IITI’19)
(December 2-7, 2019, Ostrava-Prague, Czech Republic)

CALL FOR PAPERS

Dear colleagues!

On behalf of the Program Committee and Organizing Committee We have a great pleasure to invite you to Czech Republic for the IITI’19 Conference. This event will be the 4th Conference of the series on intelligent information technologies for industry. It is organized by the Rostov State Transport University (Russia) and VŠB – Technical University of Ostrava (Czech Republic) under support of the Russian Foundation for Basic Research.

The purpose of the International scientific conference «**Intelligent Information Technologies for industry**» is to bring together the international advanced experience in the field of the development and implementation of the modern techniques in automation, informatization and artificial intelligence in fundamental and applied sciences as well as the development of contacts in this sphere. The innovative intelligent information technologies are of particular interest at the conference.

The organizing committee of the conference is inviting you to publish papers reflecting the significant scientific interest with novelty in all aspects of computer modeling and simulations. All submissions will be thoroughly peer-reviewed by multiple reviewers. Proceedings of IITI’19 conference will be published in Springer series Advances in Intelligent and Soft Computing. It will be indexed by Thomson ISI, SCOPUS and DBLP. The extended versions of the best papers presented at this conference will be considered for publication in a Special Issue of Neural Networks World journal, which is indexed by Web of Sciences and SCOPUS.

TOPICS OF INTEREST

- Bayesian Networks and Trust Networks, Fuzzy-Stocastical Modelling
- Fuzzy Models and Systems
- Non-Classical Logic and Plausible Inference

- Neural Networks Technologies
- Evolutional Modeling and Genetic Algorithms
- Multiagent Systems
- Decision Making Intelligent Systems
- Automation and Intellectualization for Industrial, Transport and Energetic Systems

IMPORTANT DATES

April 8, 2019

Deadline for application for participation in the conference (To make the application just full the required fields at [EasyChair page](#) marked by “ * ” (to apply the participation, file of publication can be initially missed).

May 13, 2019

Deadline for paper submission (file of publication at [EasyChair page](#) must be uploaded before this date).

July 15, 2019

Acceptance/rejection notification.

July 29, 2019

Camera-ready and registration.

December 2-7, 2019

Conference dates

ORGANIZATION

Conference Chairs

- Sergey M. Kovalev, Rostov State Transport University, Russia
- Vaclav Snasel, VSB-Technical University of Ostrava, Czech Republic

Organizing Chairs

- Alexander N. Guda, Rostov State Transport University, Russia
- Pavel Krömer, VSB-Technical University of Ostrava, Czech Republic

Organizing Vice Chair

- Andrey V. Sukhanov, Rostov State Transport University, Russia

Conference Organizers

- Andrey V. Chernov, Rostov State Transport University, Russia
- Anna E. Kolodenkova, Samara State Technical University, Russia
- Jan Platoš, VSB-Technical University of Ostrava, Czech Republic

- Maria A. Butakova, Rostov State Transport University, Russia
- Vitezslav Styskala, VSB-Technical University of Ostrava, Czech Republic
- Vladislav S. Kovalev, JSC “NIIAS”

International Program Committee

- Aboul Ella Hassanien, Cairo University, Egypt
- Alexander I. Dolgiy, JSC "NIIAS", Rostov branch, Russia
- Alexander L. Tulupyev, St. Petersburg Institute for Informatics and Automation of the Russian Academy of Sciences, Russia
- Alexander N. Shabelnikov, JSC “NIIAS”, Russia
- Alexander N. Tselykh, Southern Federal University, Russia
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- Alexander V. Smirnov, St. Petersburg Institute for Informatics and Automation of the Russian Academy of Sciences, Russia
- Alexey B. Petrovsky, Institute for Systems Analysis of Russian Academy of Sciences, Russia
- Alexey N. Averkin, Dorodnicyn Computing Centre of Russian Academy of Sciences,
- Alla V. Zaboleeva-Zotova, Volgograd State Technical University, Russia
- Anton Beláň, Slovak University of Technology in Bratislava, Slovakia
- Bronislav Firago, Belarusian National Technical University, Belarus
- Dusan Husek, Institute of Computer Science, Academy of Sciences of the Czech Republic
- Eid Emary, Cairo University, Egypt
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- František Janíček, Slovak University of Technology in Bratislava, Slovakia
- Gennady S. Osipov, Institute for Systems Analysis of Russian Academy of Sciences, Russia
- Georgia Garani, University of Thessaly, Greece
- Habib M. Kammoun, University of Sfax, Tunisia
- Hussein Soori, VSB - Technical University of Ostrava, Czech Republic
- Igor B. Fominykh, Moscow Power Engineering Institute, Russia
- Igor D. Dolgiy, Rostov State Transport University, Russia
- Igor Kurytnik, University of Bielsko-Biała, Poland
- Igor N. Rozenberg, JSC “NIIAS”, Russia
- Igor V. Kotenko, St. Petersburg Institute for Informatics and Automation of the Russian Academy of Sciences, Russia
- Ildar Batyrshin, National Polytechnic Institute, Mexico
- Ilias K. Savvas, University of Thessaly, Greece
- Ivan Zelinka, VSB-Technical University of Ostrava, Czech Republic
- Ján Vittek, University of Žilina, Slovakia
- Jana Nowakova, VSB-Technical University of Ostrava, Czech Republic
- Jaroslav Kultán, University of Economics in Bratislava, Slovakia
- Jiří Bouchala, VŠB-Technical University of Ostrava, Czech Republic
- Jiří Hammerbauer, University of West Bohemia, Czech Republic

- Josef Paleček, VŠB-Technical University of Ostrava, Czech Republic
- Juan Velasquez, University of Chile, Chile
- Konrad Jackowski, Wrocław University of Technology, Poland
- Leszek Pawlaczk, Wrocław University of Technology, Poland
- Marcin Paprzycki, IBS PAN and WSM, Poland
- Maya V. Sukhanova, Azov-Black Sea State Engineering Institute, Russia
- Michal Wozniak, Wrocław University of Technology, Poland
- Mikołaj Bartłomiejczyk, Gdansk University of Technology, Poland
- Milan Dado, University of Žilina, Slovakia
- Mohamed Mostafa, Arab Academy for Science, Technology, and Maritime Transport, Egypt
- Nadezhda G. Yarushkina, Ulyanovsk state technical university, Russia
- Nashwa El-Bendary, SRGE (Scientific Research Group in Egypt), Egypt
- Nour Oweis, VSB-Technical University of Ostrava, Czech Republic
- Oleg P. Kuznetsov, Institute of Control Sciences of Russian Academy of Sciences
- Pavol Špánik, University of Žilina, Slovakia
- Petr Saloun, VSB-Technical University of Ostrava, Czech Republic
- Santosh Nanda, Eastern Academy of Science and Technology, Bhubneswar, Odisha, India
- Sergey D. Makhortov, Voronezh State Technical University, Russia
- Stanislav Kocman, VŠB-Technical University of Ostrava, Czech Republic
- Stanislav Rusek, VŠB-Technical University of Ostrava, Czech Republic
- Svatopluk Stolfa, VSB-Technical University of Ostrava, Czech Republic
- Tarek Gaber, VSB-Technical University of Ostrava, Czech Republic
- Teresa Orłowska – Kowalska, Wrocław University of Technology, Poland
- Vadim L. Stefanuk, Institute for Information Transmission Problems, Russia
- Vadim N. Vagin, Moscow Power Engineering Institute, Russia
- Valery B. Tarassov, Bauman Moscow State Technical University, Russia
- Viktor M. Kureichik, Southern Federal University, Russia
- Vladimir V. Golenkov, Belarus State University of Informatics and Radioelectronics, Belarus
- Vladimír Vašínek, VŠB-Technical University of Ostrava, Czech Republic
- Yuri I. Rogozov, Southern Federal University, Russia
- Zdeněk Peroutka, University of West Bohemia, Czech Republic

VENUE

The conference will be held in VŠB-Technical University of Ostrava, Ostrava, Czech Republic.

PAPER SUBMISSION

Papers reporting original and unpublished research results on the above and related topics are solicited. All submitted papers will be refereed for quality, originality and relevance by the Program Committee. The acceptance/rejection of the papers will be based on the review results. All questions should be addressed to contact e-mail. An electronic version (PDF format) of the full paper should be submitted by the paper submission deadline to the conference website. Manuscripts should be provided according to the guidelines given at the following link where you can find the necessary styles and information:

<http://www.springer.com/series/11156>

(If this link does not work for you, go to <http://www.springer.com>, search for series "Advances in Intelligent Systems and Computing" and follow the link "Instructions for Authors" to the right).

A copy of LaTeX and Word templates can be downloaded also from [here](#) and [here](#).

The papers will be published as an edited volume in the Springer "Advances in Intelligent Systems and Computing" (former "Advances in Intelligent and Soft Computing") series.

Only submissions in English language will be considered. The maximum number of pages is 10.

Please, use the following link to submit your paper:

<https://easychair.org/conferences/?conf=iiti19>

Further information is available on the conference website: iiti.rgups.ru/en/

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