Rostov State Transport University (Russia)
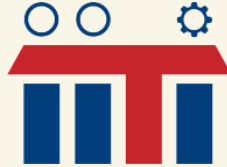**Harbin Institute of Technology (China)**
Russian Association for Artificial Intelligence (Russia)

8-th International Scientific Conference

« Intelligent Information Technologies for Industry »

Call for Papers

November 1, 2024

November 7, 2024

Harbin, China

<p align="center">**Dear colleagues!**</p>

On behalf of the **IITI** organizers, we have a great pleasure to invite you to take part in the IITI'24 conference, which will be held on November 1-7, 2024 in Harbin, China. It is the 8th Conference of the series "Intelligent Information Technologies for Industry". It is organized by Rostov State Transport University (Russia) with the support of the Russian Association for Artificial Intelligence. In 2024, the conference is co-organized by Harbin Institute of Technology.

In 2024, a new track of the IITI is Intelligent Information Technologies for Social Science.

The purpose of **IITI** is to bring together the international advanced experience in the field of the development and implementation of the modern techniques in automation, digitalization and artificial intelligence in fundamental and applied sciences as well as the development of contacts in this area. The innovative intelligent information technologies are of particular interest at the conference.

Annually, **IITI** is held with the participation of leading international scientists. The history of the conference includes multiple international locations, such as ITMO (Russia), Sirius (Russia), VSB-Technical University of Ostrava (Czech Republic), Technical University of Varna (Bulgaria), Istanbul Aydin University (Turkey) etc. Due to **IITI**, more than 1000 scientists from all over the world published more than 400 scientific papers in **IITI** Proceedings, which are indexed in Scopus and Web of Science.

The organizing committee of the conference is inviting interested researchers and professionals to submit papers describing significant scientific achievements and innovations in all areas of automation, digitalization and artificial intelligence. All submissions will be thoroughly peer-reviewed by multiple reviewers. Proceedings of IITI'24 conference will be published in Springer series Lecture Notes in Networks and Systems. The publications will also be indexed in SCOPUS, INSPEC, WTI Frankfurt eG, zbMATH, SCImago. In addition, following the examples of the previous conferences, the probability of indexing in the Web of Science is high.

<p align="center">**MAIN TRACKS:**</p>

1. Bayesian Networks and Trust Networks, Fuzzy-Stochastic Modelling
2. Fuzzy Models and Systems
3. Non-Classical Logic and Plausible Inference
4. Neural Networks Technologies
5. Evolutional Modeling and Genetic Algorithms
6. Multiagent Systems
7. Decision Making Intelligent Systems
8. Machine Learning and its Applications
9. Automation and Intellectualization for Industrial, Transport and Energetic Systems

10. Intelligent Medical Systems
11. Logical Foundations of Artificial Intelligence
12. Cyber security in Industry 4.0
13. Intelligent Information Technologies for Social Science
14. Game Theory and Applications
15. Computational Sociology
16. Equations in partial derivatives and their applications

IMPORTANT DATES

~~April 1, 2024~~
April 22, 2024
> Deadline for application for participation in the conference. To make the submission just fill up the required fields at EasyChair marked by " * ", (to apply the participation, file of publication can be initially missed).

~~April 29, 2024~~
May 31, 2024
> Deadline for the paper submission (file of publication at EasyChair page must be uploaded before this date).

June 24, 2024
> Acceptance/rejection notification.

July 15, 2024
> Camera-ready and registration.

November 1-7, 2024
> Conference dates

CONFERENCE FEE

Conference fee is 400 EUR as for the main tracks, as for others. The payment is required only for accepted papers.

ORGANIZATION[1]

Honorary Chairs
- **Vladimir Vereskun**, Rostov State Transport University, Russia
- **Han Jiecai**, Harbin Institute of Technology, China
- **Xu Zongben**, Chinese Academy of Sciences, China
- **Imran Akperov**, Southern University, Russia

Conference Chairs
- **Sergey Kovalev**, Rostov State Transport University, Russia
- **Igor Kotenko**, Saint-Petersburg Federal Research Center of Russian Academy of Sciences, ITMO University, Russia
- **Zhen Liang**, Harbin Institute of Technology, China
- **Liu Ting**, Harbin Institute of Technology, China

Organizing Chairs
- **Alexander Guda**, Rostov State Transport University, Russia
- **Andrey Sukhanov**, Rostov State Transport University, JSC "NIIAS", Russia
- **Ivan Olgeizer**, JSC "NIIAS", Russia
- **Zhang Dazhi**, Harbin Institute of Technology, China
- **Jian Fang**, Harbin Institute of Technology, China

Organizing Committee
- **Maria Butakova**, Southern Federal University, Russia
- **Yang Chang**, Harbin Institute of Technology, China
- **You Chao**, Harbin Institute of Technology, China
- **Li Jia**, Harbin Institute of Technology, China
- **Sun Jiebao**, Harbin Institute of Technology, China
- **Vladislav Ierusalimov**, Rostov State Transport University, JSC "NIIAS", Russia
- **Anna Kolodenkova**, Samara State Technical University, Russia
- **Shi Shengzhu**, Harbin Institute of Technology, China
- **Andrey Shulzhenko**, Rostov State Transport University, JSC "NIIAS", Russia
- **Vitezslav Styskala**, VSB-Technical University of Ostrava, Czech Republic
- **Liu Wenjie**, Harbin Institute of Technology, China
- **Yao Wenjuan**, Harbin Institute of Technology, China
- **Li Yao**, Harbin Institute of Technology, China
- **Li Yin**, Harbin Institute of Technology, China
- **Xing Yuming**, Harbin Institute of Technology, China
- **Guo Zhichang**, Harbin Institute of Technology, China

---

[1] Name order has no sense

International Program Committee

- **Maxim Abramov**, Saint-Petersburg Federal Research Center of Russian Academy of Sciences, Russia
- **Alexey Averkin**, Dorodnicyn Computing Centre of Russian Academy of Sciences, Russia
- **Costin Badica**, University of Craiova, Romania
- **Didier El Baz**, LAAS-CNRS, France
- **Alexey Bobtsov**, ITMO University, Russia
- **Vadim Borisov**, Moscow Power Engineering Institute in Smolensk, Russia
- **Wu Boying**, Harbin Institute of Technology, China
- **Alexander Bozhenyuk**, Southern Federal University, Russia
- **Bharat S Chaudhari**, MIT World Peace University, India
- **Andrey Chechulin**, ITMO University, Russia
- **Alexander Degtyarev**, Saint-Petersburg State University, Russia
- **Xiaotie Deng**, Peking University, China
- **Vasily Desnitsky**, Saint-Petersburg Federal Research Center of Russian Academy of Sciences, Russia
- **Alexander Dolgiy**, JSC "NIIAS", Russia
- **Igor Dolgiy**, Rostov State Transport University, Russia
- **Alexander Eremeev**, Moscow Power Engineering Institute, Russia
- **Igor Fominykh**, Moscow Power Engineering Institute, Russia
- **Xu Genjiu**, Northwestern Polytechnical University, China
- **Leonid Gladkov**, Southern Federal University, Russia
- **Vladimir Gorodetsky**, JSC "Eureca", Russia
- **Valeria Gribova**, Far Eastern Branch of the Russian Academy of the Sciences, Russia
- **Gao Hongwei**, Qingdao University, China
- **Konstantin Izrailov**, The Bonch-Bruevich Saint-Petersburg state university of telecommunications, Russia
- **Alexey Karpov**, ITMO University, Russia
- **Agop Khatlamadzhiyan**, JSC "NIIAS", Russia
- **Ivan Kholod**, Saint Petersburg Electrotechnical University "LETI", Russia
- **Boris Kobrinskii**, Federal Research Center "Informatics and Management" of the Russian Academy of Sciences, Russia
- **Anatoly Korobeynikov**, IZMI RAS, Russia
- **Vladimir Kureichik**, Southern Federal University, Russia
- **Oleg Kuznetsov**, Institute of Control Sciences of Russian Academy of Sciences, Russia
- **Sergey Kuznetsov**, Higher School of Economics, Russia
- **Guangyu Liu**, Hangzhou Dianzi University, China
- **Qiang Lu**, Hangzhou Dianzi University, China
- **Sergey Makhortov**, Voronezh State Technical University, Russia
- **Muhammad Ary Murti**, Telkom University, Indonesia

- **Evgenia Novikova**, Saint Petersburg Electrotechnical University "LETI", Russia
- **Aleksandr Panov**, Federal Research Center "Computer Science and Control" of the Russian Academy of Sciences, Moscow Institute of Physics and Technology, Artificial Intelligence Research Institute, Russia
- **Sergey Petrenko** , Innopolis University, Russia
- **Ovanes Petrosian**, Saint-Petersburg State University, Russia
- **Andrei Petrovski**, Robert Gordon University, United Kingdom
- **Wasim Raad**, Istanbul Aydin university, Turkey
- **Yuri Rogozov**, Southern Federal University, Russia
- **Gregory Royzenson**, Institute for Systems Analysis of Russian Academy of Sciences, Russia
- **Igor Saenko**, Saint-Petersburg Federal Research Center of Russian Academy of Sciences, Russia
- **Ilias Savvas**, University of Thessaly, Greece
- **Giuseppe ML Sarne**, University of Milano Bicocca, Italy
- **Rajeev Shorey**, IIT Delhi, India
- **Petr Skobelev**, Samara Federal Center of Russian Academy of Science & Samara State Technical University, Russia
- **Alexander Smirnov**, Saint-Petersburg Federal Research Center of Russian Academy of Sciences, Russia
- **Vadim Stefanuk**, Institute for Information Transmission Problems, Russia
- **Maya Sukhanova**, Azov-Black Sea State Engineering Institute, Russia
- **Alexander Tselykh**, Southern Federal University, Russia
- **Alexander Tulupyev**, North-West Institute of Management, Branch of RANEPA, Russia
- **Lev Utkin**, Peter the Great St Petersburg Polytechnic University, Russia
- **Dmtry Vinogradov,** Federal Research Center "Informatics and Management" of the Russian Academy of Sciences, Russia
- **Wang Wenfa**, Yan'an University, China
- **Tang Xiaomin**, Heilongjiang University, China
- **Nadezhda Yarushkina**, Ulyanovsk State Technical University, Russia
- **Dmitry Yudin**, Moscow Institute of Physics and Technology, Artificial Intelligence Research Institute, Russia
- **Mikhail Zabezhailo**, Dorodnicyn Computing Centre of Russian Academy of Sciences, Russia

VENUE

Harbin Institute of Technology (HIT), China.

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 were you can find the necessary styles and information:

https://www.springer.com/series/15179

(If this link does not work for you, go to http://www.springer.com, search for series "Lecture Notes in Networks and Systems" and follow the link "Instructions for Authors" to the right).

Authors guidelines, LaTeX and Word templates can be downloaded also from here.

The papers will be published as an edited volume in Springer series entitled "Lecture Notes in Networks and Systems".

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

Please, use the following link to submit your paper:

EasyChair

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

KEYNOTE SPEAKERS

Zongben Xu

Academician of the Chinese Academy of Sciences, Professor of Mathematics & Computer Science, Xi'an Jiaotong University, Director, National Center for Applied Mathematics (Shaanxi), China

Valeriya Gribova

Professor, Corresponding Member of the Russian Academy of Sciences. Institute of Automation and Control Processes FEB RAS (IACP FEB RAS), Russia

Jin Shi

Professor, foreign member of the European Academy of Humanities and Natural Sciences, fellow of the European Academy of Sciences, and Dean of the School of Natural Sciences at Shanghai Jiao Tong University, China

Igor Kotenko

Professor, Chief Scientist and Head of Research Laboratory of Computer Security Problems, St. Petersburg Federal Research Center of the Russian Academy of Sciences (SPC RAS), Honored Scientist of the Russian Federation, Professor of ITMO University, Russia

IITI CONTACTS

Andrey Sukhanov
Rostov State Transport University,
2 Rostovskogo Strelkovogo Polka Narodnogo Opolcheniya sq., Rostov-on-Don,
344038, Russia
Tel.: +7-989-720-65-53
e-mail: iiti16@rgups.ru

Li Yin
Harbin Institute of Technology (HIT),
92 Xida St, Nangang, Harbin, Heilongjiang, China, 150001
e-mail: dr.liyin@hit.edu.cn

Website: iiti.rgups.ru