







Rostov State Transport University
Sirius University of Science and Technology
JSC "NIIAS"
Russian Association for Artificial Intelligence



9-th International Scientific Conference

Intelligent Information Technologies for Industry

Call for Papers



November 4, 2025



November 8, 2025



Sirius Federal Territory, Russia

Dear colleagues!

On behalf of the **IITI** organizers, we are pleased to invite you to participate in the IITI'25 Conference, which will take place on November 4-8, 2025 at Sirius Federal Territory in Russia. This is the ninth conference of the series "Intelligent Information Technologies for Industry". It is organized by Sirius University of Science and Technology (Russia), Rostov State Transport University (Russia), JSC "NIIAS" with the support of the Russian Association for Artificial Intelligence.

The purpose of **IITI** is to bring together the advanced international experience in the fields of development and implementation of the modern techniques in automation, digitalization and artificial intelligence in fundamental and applied sciences as well as to develop of contacts in this area. Innovative intelligent information technologies are particularly interesting 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), Shanghai University (China) and Harbin Institute of Technology (China). Due to **IITI**, more than 1000 scientists from all over the world have published more than 500 scientific papers in its proceedings, which have been indexed by Scopus and Web of Science.

The organizing committee of the conference invites 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. The proceedings of the IITI'25 conference will be published in the Springer series Lecture Notes in Networks and Systems. The publications will be indexed in SCOPUS, INSPEC, WTI Frankfurt eG, zbMATH, SCImago. The proceedings will also be submitted for consideration for inclusion in Web of Science database.

MAIN TRACKS:

- 1. Bayesian Networks and Trust Networks, Fuzzy-Stochastic Modeling
- 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. Applied Artificial Intelligence (Industrial, Transport and Energetic Systems)
- 10. Robotic Systems
- 11. Intelligent Medical Systems
- 12. Logical Foundations of Artificial Intelligence
- 13. Cyber security in Industry 4.0
- 14. Intelligent Information Technologies for Social and Natural Science
- 15. Game Theory and Applications
- 16. Equations in partial derivatives and their applications
- 17. Critical information infrastructure

IMPORTANT DATES

April 7, 2025

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

May 19, 2025

Deadline for the paper submission (file of publication at <u>EasyChair page</u> must be uploaded before this date).

June 16, 2025

Acceptance/rejection notification.

June 30, 2025

Camera-ready and registration.

November 4-8, 2025

Conference dates

ORGANIZATION¹

Honorary Chairs

- Anton Gusev, Sirius University of Science and Technology, Russia
- Vladimir Vereskun, Rostov State Transport University, Russia
- Alexander Dolgiy, JSC "NIIAS", Russia
- Imran Akperov, Southern University, Russia

Conference Chairs

- Sergey Kovaley, JSC "NIIAS", Rostov State Transport University, Russia
- Sergey Petrenko, Sirius University of Science and Technology, Russia
- **Igor Kotenko**, Saint-Petersburg Federal Research Center of Russian Academy of Sciences, ITMO University, Russia

Organizing Chairs

- Alexander Guda, Rostov State Transport University, Russia
- Konstantin Gnidko, Sirius University of Science and Technology, Russia
- Andrey Sukhanov, JSC "NIIAS", Rostov State Transport University, Russia
- Ivan Olgeizer, JSC "NIIAS", Rostov State Transport University, Russia
- Maria Butakova, JSC "NIIAS", Rostov State Transport University, Russia

Organizing Committee

- Vladimir Paltsev, Sirius University of Science and Technology, Russia
- Dmitry Polyanichenko, JSC "NIIAS"
- Anna Levshina, JSC "NIIAS"

¹ Name order has no sense

- Artem Puzerenko, JSC "NIIAS"
- Li Yin, Harbin Institute of Technology, China
- Anna Kolodenkova, Samara State Technical University, Russia
- Vitezslav Styskala, VSB-Technical University of Ostrava, Czech Republic
- Alla Bylinskaya, Sirius University of Science and Technology, Russia
- Victoria Barinova, Sirius University of Science and Technology, Russia
- Olga Dobrynina, Sirius University of Science and Technology, Russia

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
- 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
- Li Changxi, Shandong University, China
- Bharat S Chaudhari, MIT World Peace University, India
- Andrey Chechulin, ITMO University, Russia
- Alexander Degtyarev, Saint-Petersburg State University, Russia
- Li Dengfeng, University of Electronic Science and Technology of China, China
- Xiaotie Deng, Peking University, China
- Vasily Desnitsky, Saint-Petersburg Federal Research Center of Russian Academy of Sciences, Russia
- **Igor Dolgiy**, Rostov State Transport University, Russia
- Alexander Eremeey, Moscow Power Engineering Institute, Russia
- Gleb Fedorov, Sirius University of Science and Technology, 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
- Wang Hao, CTO of Shenzhen Kaihong Digital Industry Development Co., Ltd., China
- **Bi Hui**, Harbin University of Science and Technology, China
- Konstantin Izrailov, The Bonch-Bruevich Saint-Petersburg state university of telecommunications, Russia
- Pang Jinhui, Beijing Institute of Technology, China
- 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
- Wang Long, Peking 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
- Andrei Petrovski, Robert Gordon University, United Kingdom
- Wasim Raad, Istanbul Aydin university, Turkey
- Yuri Rogozov, Southern Federal University, Russia
- **Igor Saenko**, Saint-Petersburg Federal Research Center of Russian Academy of Sciences, Russia
- Giuseppe ML Sarne, University of Milano Bicocca, Italy
- Mikhail Semenov, Sirius University of Science and Technology, Russia
- Zhang Shenggui, Northwestern Polytechnical University, China
- Rajeev Shorey, IIT Delhi, India
- Vladimir Skiba, Sirius University of Science and Technology, Russia
- **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
- Li Tao, East China Normal University, China
- 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
- **Zhu Wei**, Chongging University of Posts and Telecommunications, China
- Tang Xiaomin, Heilongjiang University, China
- Chen Xinzhuang, Yan'an University, China
- Li Xiuxian, Tongji University, China
- Xu Xuanhua, Central South 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

Sirius University of Science and Technology Sirius Federal Territory, Russia

PAPER SUBMISSION

Papers reporting original and unpublished research results on the above and related topics are solicited. All submitted papers will be reviewed for quality, originality and relevance by the Program Committee. The acceptance or rejection of the papers will be based on the results of the review. All questions should be addressed to the contact e-mail. An electronic version (PDF format) of the full paper must be submitted by the paper submission deadline to the conference website. Manuscripts must be provided in accordance with the guidelines given on the following link, where you can find the required 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 a Springer series entitled "Lecture Notes in Networks and Systems".

Only submissions in English language will be considered. The maximum number of pages is 12. More than 12 (and less than 20) pages have to be discussed with the Organizing Committee. Please use the following link to submit your paper:

EasyChair

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

CONFERENCE FEE

The Conference fee is 300 EUR for the main track, and for others. Payment is required for publication process for accepted papers only.

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 Website: <u>iiti.rgups.ru</u>