

Paper formatting requirements

The paper should contain an Introduction, Sections and a Conclusion. In the Introduction, it is necessary to state the problem within which the task posed in the work is solved, and to provide a brief overview of publications in the field under consideration.

The task to be solved in the work and the requirements for the desired solution (accuracy, consideration of constraints, difference from the traditional formulation, complexity, etc.) must be clearly formulated.

Articles that are less than 8 or more than 10 pages in the required format are not accepted for consideration.

The abstract should reflect the main result of the work and contain at least 5 and no more than 8 lines.

Detailed article formatting rules, formatting features and examples are given on the website: neuroinfo.ru/index.php/ru/callforpapers/reqpapers

Competition for young participants

As part of the Neuroinformatics-2023 conference, a competition will be held among young conference participants (including students and graduate students) under the age of 30 inclusive for the best work reported at the sectional meeting. Candidates of Sciences do not take part in the competition.

When evaluating the competitive work, the jury will take into account the novelty and originality of the completed research, as well as the quality of the oral presentation and presentation materials.

A mandatory requirement for the contestant is a personal presentation of the work at the sectional meeting (it is assumed that the work is done by several co-authors).

According to the results of the competition, the winners will be awarded diplomas and prizes.



Topics

- Neuroinformatics and artificial intelligence.
- Theory of neural networks.
- Computational research on the principles and mechanisms of natural neural systems.
- Neural network paradigms and architectures.
- Neurocomputers, neuromorphic computing and impulse neural networks.
- Deep learning.
- Applied neural network systems.
- Brain-computer interface. Neurotechnology.
- Modern methods and technologies in neurobiology.
- Neural networks and cognitive sciences. Adaptive behavior and evolutionary modeling.

Participation

Papers are submitted only through the conference website. The working languages of the conference are Russian, English.

The paper submission closes on **May 25, 2023**.

It is planned to publish conference proceedings in Russian (indexed in the RSCI).

Selected papers included in the conference program and presented in English are planned for publication in Springer's "Studies in Computational Intelligence" (SCI) series (indexed in Scopus and WoS), as well as in special issues of Optical Memory and Neural Networks journal (Scopus), "Izvestiya Vysshikh Uchebnykh Zavedeniy. Prikladnaya Nelineynaya Dinamika" journal (Scopus, WoS, RSCI).

The size of the registration fee for participation in the conference will be published on the conference website neuroinfo.ru.

Contacts

Secretariat of the Organizing Committee at SRISA RAS
Scientific Secretary of the Organizing Committee:

Beskhlebnova Galina Alexandrovna

Phone: 8 (499) 124-80-42

E-mail: secretary@neuroinfo.ru

Organizing Committee Secretariat at NRNU MEPhI

115409, Moscow, Kashirskoe highway, 31,

NRNU MEPhI, office G-313

Phone: (495) 788-56-99 доб. 8995



XXV International Conference "NEUROINFORMATICS-2023"

Moscow, October, 23 – 27, 2023

CALL FOR PAPERS

Organizers

- Russian Neural Network Society (RNNS)
- National Research Nuclear University MEPhI (NRNU MEPhI)
- Moscow Institute of Physics and Technology (National Research University) (MIPT)
- Ministry of Education and Science of the Russian Federation
- NRC "Kurchatov Institute"
- State Atomic Energy Corporation "Rosatom"
- Federal State Institution "Scientific Research Institute for System Analysis of the Russian Academy of Sciences"
- Moscow Aviation Institute (National Research University) (MAI)
- AIRI (Artificial Intelligence Research Institute)

Venue

National Research Nuclear University "MEPhI", Moscow,
Kashirskoe shosse, 31



Site: <https://neuroinfo.ru>

Telegram: @neuroinfo_ai

Conference events

The conference program includes the following events:

- Plenary sessions,
- Basic sessions,
- Poster sessions,
- School-seminar "Modern problems of neuroinformatics",
- Competition for young participants,
- Workshops with the participation of industrial partners,
- Congress of the Russian Neural Network Society.

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Vvedensky V.L. – NRC “Kurchatov Institute”, Moscow

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Kaganov Yu.T. – Bauman Moscow State Technical University

Kazanovich Ya.B. – Institute of Mathematical Problems of Biology RAS – branch of the Institute of Applied Mathematics n.a. M.V. Keldysh of Russian Academy of Sciences, Moscow region, Pushchino

Kirov V.N. – Research Technological Center for Neurotechnologies of the Southern Federal University, Rostov-on-Don

Litinsky L.B. – SRISA RAS, Moscow

Makarenko N.G. – Main (Pulkovo) Astronomical Observatory of the Russian Academy of Sciences, St. Petersburg

Mishulina O.A. – Russian Neural Network Society, Moscow

Oseledets I.V. – AI Technology Center, Skoltech

Panov A.I. – Federal Research Center “Informatics and Control” RAS, AIRI, MIPT, Moscow

Samsonovich A.V. – NRNU MEPHI, Moscow

Terekhov S.A. – RNNS, RAAI

Trofimov A.G. – NRNU MEPHI

Ushakov V.L. – Institute for Advanced Study of the Brain, Lomonosov Moscow State University

Chizhov A.V. – Physical-Technical Institute n.a. A.F. Ioffe RAS, St. Petersburg

Shaposhnikov D.G. – Research Technological Center for Neurotechnologies of the Southern Federal University, Rostov-on-Don

Shepelev I.E. – Research Technological Center for Neurotechnologies of the Southern Federal University, Rostov-on-Don

Shumsky S.A. – MIPT, Moscow

Yudin D.A. – MIPT, AIRI, Moscow

Yurov A.V. – Institute of High Technologies, IKBFU, Kaliningrad

Yakhno V.G. – Institute of Applied Physics RAS, Nizhny Novgorod

Abraham Ajith – Machine Intelligence Research Labs (MIR Labs), Scientific Network for Innovation and Research Excellence, Washington, USA

Baidyk Tatiana – The National Autonomous University of Mexico, Mexico

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Dosovitskiy Alexey – Albert-Ludwigs-Universität, Freiburg, Germany

Golovko Vladimir A. – Brest State Technical University, Belarus

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Izhikevich Eugene – Braincorporation, San Diego, USA

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Koprinkova-Hristova Petia – Institute of Information and Communication Technologies, Sofia, Bulgaria

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Pareja-Flores Cristobal – Universidad Complutense de Madrid, Spain

Prokhorov Danil – Toyota Research Institute of North America, USA

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Sandamirskaya Yulia – Institute of Neuroinformatics, University of Zurich, Switzerland

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