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Terekhov S.A. – JSC "Svyaznoy Logistics", Moscow
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Tiumentsev Yu.V. Moscow Aviation Institute (National Research University), Moscow
Ushakov V.L. – National Research Centre "Kurchatov Institute", Moscow
Frolov A.A. – Institute of Higher Nervous Activity and Neurophysiology of RAS, Moscow
Chizhov A.V. – Ioffe Physical Technical Institute, Russian Academy of Sciences, St. Petersburg
Shumskiy S.A. – P.N. Lebedev Physical Institute of the Russian Academy of Sciences, Moscow
Yakhno V.G. – The Institute of Applied Physics of the Russian Academy of Sciences, Nizhny Novgorod

Conference topics

- Neurobiology and Neurobionics
- System Biophysics
- Neural Networks and Cognitive Sciences
- Neural Network Paradigms and Architectures: Representation of Data, Learning and Optimization
- Neural Networks and Self-Organization
- Neural Networks in Data Processing Systems, Pattern Recognition and Operation
- Applications of Neural Networks
- Models of Adaptive Behavior
- Models of Evolution of Neural Networks
- Neuromorphic Calculations and Deep Learning

Conference program

1. Plenary Session
2. Basic sessions
3. Poster sessions
4. Workshop "Current problems of Neuroinformatics"
5. Round-table discussions
6. Contest for Young Researchers

Round-table discussions

"Prospective projects for development of applied intellectual systems"

Chair: Vice-president of Russian Association of Neuroinformatics, Dr. S. Shumky
Detailed Information is on the Website
<http://neuroinfo.ru>

General Information

For Russian scientists conference fee is 1500 rubles and it is 200 euros for foreign participants. Students and full-time post-graduate students are registered for free. To participate personally in any conference event, it is necessary to register on the website activity <http://neuroinfo.ru> Working languages of the conference are Russian and English. The presentations can be submitted in Russian or in English.

Participation in Basic and Poster Sessions

To give a talk at the conference one of the authors uploads the text of the submission and necessary information to the website <http://neuroinfo.ru>

The submissions are included in the conference program after reviewing. The authors will be informed about the results of reviewing by email and they also will be published on the author's personal page on the website <http://neuroinfo.ru> before June 1, 2017.

The submission time is
from March 1 until April 20, 2017.

Workshop "Current problems of Neuroinformatics"

During the workshop school, the top-level scientists will lecture on current issues in neuroinformatics and neurobiology. On the question of lecturing within the framework of the school, please, contact the chair of the workshop school Tiumentsev Yuriy Vladimirovich by email yutium@gmail.com

The deadline is April 10, 2017.

Conference Proceedings

Selected papers included in the conference program and submitted in English will be published in the volume of Springer «Proceedings in AISC» (indexed in Scopus).

Papers included in the conference program (submitted in English or in Russian) and not included in «Proceedings in AISC» will be published by NIISI RAS in the "Proceedings of the Conference" indexed in RISS's database. Not more than 3 papers of one author (co-author) can be included in the "Proceedings".

Contact Information

NEUROINFORMATICS – 2017

E-mail: secretary@neuroinfo.ru
Websites: <http://neuroinfo.ru> and
<http://neuroinfo.mephi.ru>

Conference co-chair

Tiumentsev Yuriy Vladimirovich, the head of the workshop school

E-mail: yutium@gmail.com
8 (499) 158-47-04 (Moscow Aviation Institute)

Scientific Secretary of the Organizing Committee

Beskhebnova Galina Aleksandrovna
Phone: 8 (499) 124-80-42 (SRISA RAS)
Fax: 8 (499) 719-76-81

Organizing Committee in National Research Nuclear University (MEPhI)

Address: 115409, Russia, Moscow, Kashirskoe highway, 31 room K-919
Skripko Ol'ga Yurievna
Phones: 8 (495) 788-56-99 extens. 9326, 8012 and 9802

Chair of the Organizing Committee of the Conference "NEUROINFORMATICS – 2017"

Prof. Onykiy B.N. –National Research Nuclear University (MEPhI), Moscow



XIX INTERNATIONAL CONFERENCE "NEUROINFORMATICS – 2017"

Moscow, October 2 – 6, 2017

CALL FOR PAPERS

Host of the conference - National Research Nuclear University "MEPhI"

In organization of the Conference, also participate:

- Russian Academy of Science
- Ministry of Education and Science of the Russian Federation
- The Russian Federation National Nuclear Corporation ROSATOM
- Russian Neural Networks Society
- Scientific Research Institute for System Analysis of the Russian Academy of Sciences (SRISA RAS)
- The Moscow Aviation Institute (National Research University)
- State Research Center of Russian Federation Troitsk Institute for Innovation & Fusion Research