

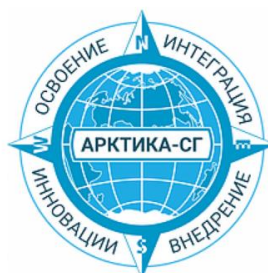
MNPS-2019

IV International Conference

“Modeling of Nonlinear Processes and Systems”

Moscow, October 15-19, 2019

Conference Organizers



- Moscow State University of Technology "STANKIN"
- Centro de Matematica Computacional e Estocastica Instituto Superior Tecnico, Lisbon (Portugal)
- National Research Nuclear University MEPHI
- Institute of Cell Biophysics of Russian Academy of Sciences
- Keldysh Institute of Applied Mathematics of Russian Academy of Sciences
- Institute of Mathematical Problems of Biology of Russian Academy of Sciences
- Arctic-SG Foundation (Russia-Belarus Union)
- Murmansk Arctic State University (MASU)

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- I.V. Krivenko (Russia)
- G.G.Gogoberidze (Russia)
- F.Xu (China)
- K.Egizarian (Finland)



Invited Speakers

- Academician B.N. Chetverushkin (Russia)
- Prof. Q.Zhang (China)
- Academician A.S. Sigov (Russia)
- Prof. E. B. Weinmuller (Austria)
- Prof. V.D. Lakhno (Russia)
- Prof. Pedro M. Lima (Portugal)
- Prof. S.A. Stepanenko (Russia)
- Prof. G.Yu. Riznichenko (Russia)
- Prof. N.B. Aleksic (Serbia)

- Prof. A.A. Potapov (Russia)
- Prof. A.B. Nadykto (Russia)
- Prof. A.E. Arinshtein (Israel)
- Prof. V.V. Voronin (Russia)
- Prof. F.Xu (China)

MNPS-2019: IV International Conference "Modeling of Nonlinear Processes and Systems"

IV International Conference "Modeling of Nonlinear Processes and Systems" was held at the Moscow State Technological University "STANKIN" on October 15 - 17, 2019. This was the eleventh issue of the Conference that was held since 1995 in Moscow, Dubna, Tver and Nizhny Novgorod. Since 2008, its home is MSTU STANKIN.

The conference was dedicated to a wide range of contemporary problems of mathematical modeling of nonlinear systems and processes in physics, chemistry, biology, ecology, materials sciences, robotics, information and intelligent environments, including artificial intelligence, numerical methods and high-performance computing.

Plenary talks at the Conference were given by leading Russian and international scholars: Academician B.N. Chetverushkin, Academic Supervisor of M.V. Keldysh Institute of RAS (Russia); Prof. Q.Zhang, Director of Environment Research Institute, Shandong University (China); Academician A.S. Sigov, President of RTU-MIREA, Member of the Science Committee at the National Security Council (Russia); Prof. E. B. Weinmuller, TU-Wien – Vienna University of Technology (Austria); Prof. V.D. Lakhno Academic Supervisor the Institute of Mathematical Problems of Biology of RAS (Russia); Prof. Pedro M. Lima, University of Lisbon, Instituto Superior Tecnico (Portugal); Prof. S.A. Stepanenko, Russian Federal Nuclear Center –VNIIEF, ROSATOM (Russia); Prof. G.Yu. Riznichenko, M.V. Lomonosov Moscow State University (Russia); Prof. N.B. Aleksic, University of Belgrade, Institute of Physics (Serbia); Prof. A.A. Potapov, Kotelnikov Institute of Radio Engineering and Electronics of RAS (Russia); Prof. A.B. Nadykto, MSTU "STANKIN", expert of RAS and RFFR (Russia), Prof. A.E. Arinshtein, Technion - Israel Institute of Technology (Israel); Assoc. Prof. V.V. Voronin, Don State University (Russia) and Prof. F.Xu, Shandong University (China).

In addition to the main Conference program, there was a Special Event, International Workshop on Environmental Pollution and Black Carbon in Arctic <https://www.mnps-conference.org/workshop>, co-sponsored by EU action on Black Carbon Project and AMAP, a Working Group of the Polar Council, held on October 17, 2019, the last day of the Conference.