ПРОГРАММА ОЧНОЙ ПЛЕНАРНОЙ И ОНЛАЙН НАУЧНОЙ СЕССИИ
PROGRAMME OF THE PLENARY SESSION

II Школы-семинара **«Гибридные методы моделирования и оптимизации в сложных системах» - «Hybrid methods of modeling and optimization in complex systems»**
(Красноярск, 30 ноября 2023 г., 11.00 Москвы)

II International Workshop «Hybrid methods of modeling and optimization in complex systems» - HMMOCS-II 2023
(Krasnoyarsk, 30 November 2023, 11.00 Moscow time)

Webinar.ru ссылка для подключения
(требуется предварительная регистрация)

Webinar.ru link to connect
(pre-registration required)

11:00 – Открытие - Opening

Приветствие Оргкомитета Школы-Семинара - Greetings from the Organizing Committee
Открытие научной сессии - Opening of the scientific session

11:15 – Keynote Speakers

1.	Predrag Stanimirović	New ZNN dynamical systems based on nonlinear optimization methods	University of Nis, NIs, Serbia
2.	Jajati Keshari Sahoo	Regularization Theory in Machine Learning	Department of Mathematics, BITS Pilani K K Birla Goa Campus, Goa, India
3.	Mario Guarracino	Graph embedding methods and applications	National Research University Higher School of Economics, Laboratory of Algorithms and Technologies for Networks Analysis, Nizhny Novgorod, Russia
4.	Spyridon Mourtas	Artificial neural networks	National and Kapodistrian University of Athens, Athens

https://conf.domnit.ru/ru/conferences/hmmocs-2023/

	Plenary Reports		
1.	Alexey Rybakov	Methods for detecting and counting nodes in images of crack networks	Astrakhan State University, Russia
2.	Pavel Peresunko	Software system for contactless text input based on computer vision	Siberian Federal University, Krasnoyarsk, Russia
3.	Timur Petrov	Topological optimization of the design of a permanent magnet synchronous motor using a genetic algorithm	Kazan State Power Engineering University, Kazan, Russia
4.	Vladislav Efremov	System for analyzing data from camera traps based on a two-stage neural network approach for operational remote monitoring	Moscow Institute of Physics and Technology, Dolgoprudny, Moscow Region, Russia
5.	Sergey Mordanov	CFD simulation of unstable fluid flows in the rotor of a high-speed precipitation centrifuge	Ural federal university, Department of Machines and Apparatuses for Chemical and Nuclear Production, Ekaterinburg, Russia
6.	Maxim Kublinskiy	Supervised machine learning with regression for the IRT-T reactor cooling system	National Research Tomsk Polytechnic University, Tomsk, Russia
7.	Sergey Listopad	Modeling Reflection in Artificial Intelligence Systems: State of Art and Prospects	Kaliningrad Branch of the Federal Research Center “Computer Science and Control” of the Russian Academy of Sciences, Kaliningrad, Russia
8.	Maxim Farafonov Vladislav Mymlikov	Everted U-Net for 3D Scene Reconstruction and Segmentation	Siberian Federal University, Krasnoyarsk, Russia
9.	Masoud Vahid Dastgerdi	Optimized Zone-based Vehicle Speed Estimation And Classification	Moscow Institute of Physics and Technology (MIPT) , Dolgoprudny, Russia
10.	Using the editing tools of the CloudCompare software for processing a three-dimensional point cloud of an urban development site	Dmitry Gura, Ekaterina Karamysheva, Saida Pshidatok	Kuban State Technological University, Kuban State Agrarian University, Krasnodar, Russia

Стендовые видеодоклады и презентации участников будут демонстрироваться после окончания пленарного заседания, будут доступны онлайн на странице материалов конференции.

Полная программа секционных и стендовых докладов будет доступна на сайте материалов после 15 декабря 2023 года.