



深圳北理莫斯科大学

УНИВЕРСИТЕТ МГУ-ППИ В ШЭНЬЧЖЭНЕ
SHENZHEN MSU-BIT UNIVERSITY

2023 Sino-Russian Conference on Applied Mathematics

2023-04-01

Time	Speaker	Title
14:50-15:00	Ilin	Opening remark
15:00-15:20	Будак Б.А.	Equilibrium programming: brief overview and some new concepts
15:20-15:40	Kamzolkin	Gradient Projection Method Application to the Open Pit Mine Optimization Problem. 2D Model
15:40-16:00	Kholomeyeva	Some recent results from the boundary control theory and mixed-type equations theory
16:00-16:20	Melnikov	Waterloo-like nondeterministic finite automata and an approach to DNA chains consideration
16:20-16:40	Tochilin	The feedback control problem for switched system with uncertainties
16:40-17:00	Tea break	
17:00-17:20	Wang, Cao	Reconstructing the Absorption Function in a Quasi-linear Sorption Dynamic Model via an Iterative Regularizing Algorithm
17:20-17:40	Luo, Yongming	Efficient uncertainty quantification for mechanical properties of randomly perturbed elastic rods
17:40-18:00	Yang, Jianxun	Seismic inverse problem using Rayleigh surface waves
18:00-18:20	Chaikovskii	Application of asymptotic expansion method for solving forward and inverse problems in singularly perturbed partial differential equations
18:30-20:00	Dinner: Canteen 1, 2nd floor	



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2023-04-02

Time	Speaker	Title
9:20-9:30	Ilin	Issuance of certificate (Chair Prof) for Liu Hongyu
9:30-10:00	Liu, Hongyu	Geometric Patterns of Wave Propagations Inside Invisible Scatterers and Applications
10:00-10:30	Wang, Yanfei	Model-driven and data-driven Inverse Problems
10:30-10:50	Maysuradze	Data-Driven Monitoring and Analysis of Multivariate Time Series in Manufacturing
10:50-11:10	Nikitin	On integral equations arising in a model of stationary communities
11:10-11:30	Cherkasov	Brachistochrone problem and two-dimensional Goddard problem
11:30-11:50	Shcheglov	Some inverse problems for models with partial differential equations
11:50-12:00	Group Photo	
12:00-14:00	Lunch: Canteen 1, 3d floor	