



DECEMBER 19 SOUTHERN FEDERAL UNIVERSITY (ROSTOV-ON-DON)

INTERNATIONAL WORKSHOP ON OPERATOR THEORY AND HARMONIC ANALYSIS

OTHA FALL 2025 <https://otha.sfedu.ru/workshop-otha-fall-2025>, otha.conference@gmail.com

SCIENTIFIC PROGRAMM

FRIDAY 19.12.2025 Location: Main Administrative bldg, Bolshaya Sadovaya 105/42.			
13:25-17:15	Plenary Session (Ground floor, Scientific Council Room)		
13:25-13:45	Karyakin Mikhail	Coefficient inverse problems in nonlinear elasticity theory	Chairman – Nedin Rostislav
13:50-14:10	Kryakvin Vadim	Anisotropic pseudodifferential operators in anisotropic Hölder–Zygmund spaces on \mathbb{R}^n	
14:15-14:35	Avsyankin Oleg	On compactness of convolution-type operators in Morrey-type spaces	
14:40-15:00	Abanin Alexander	Associated weights in the theory of weighted spaces of holomorphic functions	
15:05-15:25	Yerusalimsky Yakov	Equivalence transformations of tree-structured networks	
15:25-15:40	Coffee break		
15:40-16:00	Vakulov Boris	Hypersingular integrals on metric measure spaces in weighted Hölder spaces of the Bary-Stechkin type	Chairman – Avsyankin Oleg
16:05-16:25	Vatulyan Alexander	Inverse coefficient problems in prism compression	
16:30-16:50	Nedin Rostislav	On certain inverse problems for prestressed bodies	
16:55-17:15	Nasedkin Andrey	Numerical homogenization of piezoelectric composites and metamaterials with extreme contrast parameters: mathematical models and finite element technologies	

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