



21-25 APRIL 2024, YEREVAN, ARMENIA

INTERNATIONAL WORKSHOP ON OPERATOR THEORY AND HARMONIC ANALYSIS

OTHA SPRING 2024 <https://otha.sfedu.ru/workshop-otha-spring-2024>, otha.conference@gmail.com

SCIENTIFIC PROGRAM & SCHEDULE OF EVENTS

MONDAY 22.04.2024 Location: Institute of Mathematics, 24/5 Marshal Baghramyan Avenue			
10:00-13:00	Plenary Session (First/ground floor, auditorium 1)		
10:00-10:30	Registration and Opening Ceremony		Chairmen – Alexey Karapetyants & Rafik Aramyan
10:30-11:00	Li Changpin	On ψ fractional integral	
11:05-11:35	Skubachevskii Alexander	Global classical solutions to the second mixed problem for the Vlasov-Poisson system (...)	
11:35-11:55	Coffee break		
11:55-12:25	Karapetyants Alexey	Hausdorff type operators on the unit ball in complex space	Chairman – Li Changpin
12:30-13:00	Aramyan Rafik	Inversion of the two data spherical Radon transform using local data	
13:00-13:10	Conference photo: please gather at the entrance of the Institute for the conference photo		
13:10-14:40	Lunch (American University cafeteria, 40 Marshal Baghramyan Avenue)		
14:40-17:10	Plenary Session (First/ground floor, auditorium 1)		
14:40-15:10	García Pacheco Francisco	Recent advances on uniform spaces	Chairman – Arsenovic Milos
15:15-15:45	Vagharshakyan Armen	Trigonometric convexity for multidimensional indicator	
15:45-16:05	Coffee break		
16:05-16:35	Babayan Armenak	On a defect number of Dirichlet problem for properly elliptic equation (...)	Chairman – Malonek Helmuth
16:40-17:10	Arsenovic Milos	Gradient estimates for generalized harmonic functions	

TUESDAY 23.04.2024 Location: Institute of Mathematics, 24/5 Marshal Baghramyan Avenue			
10:30-13:00	Plenary Session (First/ground floor, auditorium 1)		
10:30-11:00	Malonek Helmuth	3D-quasiconformal mappings with hypercomplex functions	Chairman – Golberg Anatoly
11:05-11:35	Liflyand Elijah	L^p simulation for measures	
11:35-11:55	Coffee break		
11:55-12:25	Golberg Anatoly	Nonlinear Beltrami equation: geometric approach	Chairman – Liflyand Elijah
12:30-13:00	Meskhi Alexander	Extrapolation in grand Banach function spaces	
13:00-14:30 Lunch (American University cafeteria, 40 Marshal Baghramyan Avenue)			
14:30-17:00	Plenary Session (First/ground floor, auditorium 1)		
14:30-15:00	Avetisyan Zhirayr	Polar decomposition in metric spaces	Chairman – Skopina Maria
15:05-15:35	Karagulian Grigori	Khintchine type inequalities for martingales	
15:35-15:55	Coffee break		
15:55-16:25	Kusraeva Zalina	On pseudo-integral homogeneous polynomials	Chairman – Avetisyan Zhirayr
16:30-17:00	Skopina Maria	Generalized Vilenkin groups	

OTHA workshops are part of the OTHA conference/workshops/seminars/editorial activities <https://otha.sfedu.ru/> , <http://msrn.sfedu.ru/>

Organizing Committee:

Alexey Karapetyants (co-chair)
Rafik Aramyan (co-chair)
Tatiana Andreeva
Elena Vasilyeva-Bagler
Armen Vagharshakyan

Speakers:

Changpin Li (China), Alexander Meskhi (Georgia), Alexey Karapetyants (Russia), Rafik Aramyan (Armenia), Helmuth Malonek (Portugal), Zhirayr Avetisyan (Belgium), Armenak Babayan (Armenia), Milos Arsenovic (Serbia), Elijah Liflyand (Israel), Anatoly Golberg (Israel), Francisco García Pacheco (Spain), Karagulian Grigori (Armenia), Armen Vagharshakyan (Armenia), Alexander Skubachevskii (Russia), Skopina Maria (Russia), Zalina Kusraeva (Russia).



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