



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	
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	Hadamard-Bergman operators on Lebesgue and Hölder spaces
12:30-13:00	Aramyan Rafik	Inversion of the two data spherical Radon transform using local data
		Chairmen – Alexey Karapetyants & Rafik Aramyan
		Chairman – Li Changpin
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	Arsenovic Milos	Schwarz-Pick lemma for (α, β) -harmonic functions in the unit disc
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 (...)
16:40-17:10	Kusraeva Zalina	On pseudo-integral homogeneous polynomials
		Chairman – Babayan Armenak
		Chairman – Malonek Helmuth

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	Skopina Maria	Generalized Vilenkin groups	Chairman – Avetisyan Zhirayr
16:30-17:00	García Pacheco Francisco	Recent advances on uniform spaces	

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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