SCIENTIFIC PROGRAMM & SCHEDULE OF EVENTS

WEDNESDAY 19.04.2023 Location: Institute of Mathematics, 24/5 Marshal Baghramyan Avenue			
10:00-13:00	**Plenary Session (First/ground floor, auditorium 1)**		
10:00-10:30	**Opening ceremony& Presentation of Journal of Mathematical Sciences (series A)**		Chairmen –
10:30-11:00	Sergeev Armen	On mathematical problems in the theory of topological insulators	Alexey Karapetyants &
11:05-11:35	Shkalikov Andrei	Differential equations and operator pencils in Hilbert space	Rafik Aramyan
11:35-11:55	**Coffee break and books exhibition**		
11:55-12:25	Karapetyants Alexey	Hausdorff-Berezin operators on weighted spaces	Chairman –
12:30-13:00	García Pacheco Francisco	Algebraic Structures in Quantum Mechanics	Kravchenko Vladislav

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)**

14:40-17:45	**Plenary Session (First/ground floor, auditorium 1)**		
14:40-15:10	Lacey Michael	On the Goldbach conjecture in the Gaussian primes	Chairman –
15:15-15:45	Kravchenko Vladislav	Reconstruction techniques for inverse Sturm-Liouville problems and quantum trees	Liflyand Elijah
15:45-16:05	**Coffee break and books exhibition**		
16:05-16:35	Malonek Helmuth	Polyanalytic functions, their generalization, and some applications in Hypercomplex Analysis	Chairman –
16:40-17:10	Oinarov Ryskul	Oscillatory and spectral properties of a class of fourth-order differential operators and weighted differential inequality	Sergeev Armen

THURSDAY 20.04.2023 Location: Institute of Mathematics, 24/5 Marshal Baghramyan Avenue			
10:30-13:00	**Plenary Session (First/ground floor, auditorium 1)**		
10:30-11:00	Liflyand Elijah	L^1 convergence of Fourier transforms	Chairman –
11:05-11:35	Skopina Maria	Parseval wavelet frames on Vilenkin groups	D'Onofrio Luigi
11:35-11:55		Coffee break and books exhibition	
11:55-12:25	León Saavedra Fernando	Hypercyclic properties and λ-commutants	Chairman –
12:30-13:00	Louhichi Issam	On the commutativity of Toeplitz operators	Byrnes Jim

13:00-14:30	**Lunch (American University cafeteria, 40 Marshal Baghramyan Avenue)**

14:30-17:35	**Plenary Session (First/ground floor, auditorium 1)**		
14:30-15:00	Gevorgyan Gegham	Uniqueness questions on Franklin series and their generalizations	Chairman –
15:05-15:35	D'Onofrio Luigi	A sense preserving Sobolev homeomorphism with negative Jacobian almost everywhere	Skopina Maria
15:35-15:55		Coffee break and books exhibition	
15:55-16:25	Byrnes Jim	The energy spreading PONS transform and its applications	Chairman –
16:30-17:00	Khoury Suheil	The biharmonic equation in contiguous regions and its application to incompressible flows	León Saavedra Fernando
17:05-17:35	Malonek Helmuth	Mathematics and mathematicians in Armenia - some encounters that one cannot forget	

Workshop celebrates the 80th anniversary of the Armenian Academy of Sciences

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:

Jim Byrnes (USA), Luigi D'Onofrio (Italy), Francisco García Pacheco (Spain), Gegham Gevorgyan (Armenia), Alexey Karapetyants (Russia), Suheil Khoury (UAE), Vladislav Kravchenko (Mexico), Michael Lacey (USA), Fernando León Saavedra (Spain), Elijah Liflyand (Israel), Issam Louhichi (UAE), Helmuth Malonek (Portugal), Ryskul Oinarov (Kazakhstan), Armen Sergeev (Russia), Andrei Shkalikov (Russia), Maria Skopina (Russia).

Springer Nature representatives:

Tatiana Golea (Germany)
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