SCIENTIFIC PROGRAMM & SCHEDULE OF EVENTS

MONDAY 19.12.2022 Location: «Delta Sirius» hotel, Sochi, Triumphalny Avenue, 1, Conference Room №3E.			
10:00-13:30	**Plenary Session (Conference Room №3E)**		
10:00-10:30	Sergeev Armen	Quantum differentials in function spaces	Chairman – Karapetyants Alexey
10:35-11:05	Muravnik Andrey	Second-order parabolic differential-difference equations in half-spaces	
11:10-11:40	Mirotin Adolf	On the spectra of discrete Hausdorff operators	
11:45-12:00		Coffee break	
12:00-12:30	Karapetyants Alexey	Toeplitz operators with radial symbols on general analytic function spaces	Chairman – Sergeev Armen
12:35-13:05	Pavlov Igor	On properties of spaces with martingale mixed norm with summability exponents close to one	

13:05-14:00	**Lunch («Delta Sirius» hotel, Sochi, Triumphalny Avenue, 1).**	
14:00-16:15	**Plenary Session (Conference Room №3E)**	

14:00-16:15	Plenary Session (Conference Room №3E)		
14:00-14:30	Nazarov Alexander	On properties of the minimizing function in the fractional Hardy-Sobolev inequality	Chairman – Kusraeva Zalina
14:35-15:05	Suslina Tatiana	Homogenization of nonlocal operators of convolution type	
15:10-15:40	Panov Evgeny	On variational description of entropy solutions to the Riemann problem for a scalar conservation law	Chairman – Fedorovskiy Konstantin
15:45-16:15	Kusraev Anatoly	Stone-Weierstrass approximation revisited	

TUESDAY 20.12.2022 Location: «Delta Sirius» hotel, Sochi, Triumphalny Avenue, 1, Conference Room №3E.			
10:00-13:30	**Plenary Session (Conference Room №3E)**		
10:00-10:30	Fedorovskiy Konstantin	Two stories on elliptic PDE with constant complex coefficients: L-analytic capacities and Dirichlet problem	Chairman – Berezhnoi Evgeny
10:35-11:05	Berezhnoi Evgeny	Morrey spaces: a new approach	
11:10-11:40	Hedenmalm Håkan	Soft Riemann-Hilbert problems and planar orthogonal polynomials	
11:45-12:00		Coffee break	
12:00-12:30	Sitnik Sergey	Cauchy-Bunyakovskii inequalities: generalizations and applications	Chairman – Panov Evgeny
12:35-13:05	Rokhlin Dmitry	On resource pricing based on revealed preferences	
13:05-14:00	**Lunch («Delta Sirius» hotel, Sochi, Triumphalny Avenue, 1).**		
14:00-16:15	**Plenary Session (Conference Room №3E)**		

14:00-16:15	Plenary Session (Conference Room №3E)		
14:00-14:30	Petrov Vladimir	The Cauchy-type integral as an integral transformation	Chairman – Mirotin Adolf
14:35-15:05	Kusraeva Zalina	From positive linear operators to positive homogeneous polynomials	
15:10-15:40	Avsyankin Oleg	Boundedness and compactness of integral operators with homogeneous kernels	Chairman – Suslina Tatiana
15:45-16:15	Vagarshakian Armen	On the Menchov-Rademacher operator in two dimensions	

WEDNESDAY 21.12.2022 Location: «Delta Sirius» hotel, Sochi, Triumphalny Avenue, 1.	
10:00-18:00	Excursion. A bus departs from the «Delta Sirius» hotel at 10:00.

Continuation of Workshop OTHA-Fall-2022 in Rostov-on-Don:

FRIDAY 23.12.2022 Location: Main Administrative bldg, Bolshaya Sadovaya 105/42.			
10:00-13:00	Plenary Session (Ground floor, Scientific Council Room)		
10:00-10:30	Ougolnitsky Gennady	Models of control on networks	Chairman –
10:30-11:00	Kudryavtsev Oleg	A Simple Wiener-Hopf factorization method for pricing options with barriers in Levy-driven models	Berezhnoi Evgeny
11:00-11:30	Grudsky Sergey	Eigenvalue clusters of large band Toeplitz matrices	
11:30-11:40		Coffee break	
11:40-12:10	Steinberg Boris	On the development of numerical algorithms for block-band matrices	Chairman –
12:10-12:30	Karapetyants Alexey	Editorial activities and initiatives 2021-2022 and perspectives	Grudsky Sergey
12:30-13:00	Kryakvin Vadim	On the local smoothness of solutions of the general elliptic boundary value problem	
13:20-14:20	Lunch (Restaurant "Sinichka", Kirovski Avenue 41/62)		
14:30-17:00	Plenary Session		
18:00-21:00	Banquet (Hotel Don Quixote, Ulyanovskaya St. 58, 13th floor)		

14:30-17:00	Plenary Session (Ground floor, Scientific Council Room)		
14:30-15:00	Yerusalimsky Yakov	On the average value of the outgoing dynamic flux and its limit	Chairman –
15:00-15:30	Norkin Mikhail	Cavitation impact of a solid body under the free surface of a heavy liquid	Vatulyan Alexander
15:30-16:00	Levenshtam Valeriy	Asymptotic analysis of quasi-linear hyperbolic systems	Chairman –
16:00-16:30	Vakulov Boris	Riesz potentials on homogeneous spaces with generalized variable Hölder property	Norkin Mikhail
16:30-17:00	Vatulyan Alexander	Sensitivity of coefficients in inverse problems for inhomogeneous bodies	

18:00-21:00	Banquet (Hotel Don Quixote, Ulyanovskaya St. 58, 13th floor)