



# Discrete and Continuous Signals: Analysis, Information and Applications

## Wednesday 13 December 2023

### Complex Analysis Session: Complex Analysis Session talks - MCS 201 (10:00-11:30)

time	[id] title	presenter
10:00	[16] Analytic continuation of power series by means of coefficients interpolation	MKRTCHYAN, Alex
10:35	Break	
10:45	[17] V.V. Chernikov's method for investigating functionals on the class of conformal univalent mappings	KOLESNIKOV, Ivan

### Complex Analysis Session: Complex Analysis Session talks - MCS 201 (12:00-13:30)

time	[id] title	presenter
12:00	[37] Avkhadiev--Wirthe's conjecture for Hardy inequalities on balls	NASIBULLIN , Ramil
12:35	Break	
12:45	[38] On the range of a convolution operator in spaces of ultradifferentiable functions	POLYAKOVA, Daria

# Friday 15 December 2023

## Complex Analysis Session - MCS 201 (15:00-16:15)

time	[id] title	presenter
15:00	[43] Conformal spectral estimates of the Dirichlet-Laplacian	PCHELINTSEV, Valerii
15:35	Break	
15:40	[44] Weissler type inequalities in Bergman spaces	KHAMMATOVA, Diana

## Complex Analysis Session - MCS 201 (16:45-18:40)

time	[id] title	presenter
16:45	[47] Quantum Gaudin model and isomonodromic deformations	TOLSTUKHIN, Ilya
17:20	Break	
17:25	[50] On the construction of the Green's function for strongly elliptic systems in domains on the plane	BAGAPSH, Astamur
18:00	Break	
18:05	[51] On the scalar approach to the weak asymptotic problem for the model $\mathcal{GN}$ -system	LOPATIN, Elijah