link

https://itmo.zoom.us/j/86147489761?pwd=QndYZFhVcU8zK1lOcDNLb0pTL01VQT09
code 178528

Monday, 20.09.2021 (Moscow time)

09-55-10-00	Opening	
10-00 – 10-40	P.Exner	Quantum graphs with vertices of a preferred orientation
10-45 –11-25	D.Mugnolo	Torsional rigidity and spectral gap of quantum graphs
11-30 –12-10	H.Cornean	A new paradigm for bulk-edge correspondence
12-15 –12-55	P.Kurasov	On isospectral metric graphs
13-00 –13-40	A.Khrabustovskyi	Singular Schrödinger operators with prescribed spectral properties
15-00 –15-40	D.Borisov	Operators on quantum graphs with small edges
15-45 –16-25	V. Mikhaylov	On the method of the recovery of spectral data from dynamic one and related problems in inverse problems theory and signal processing
16-30 – 17-10	D.Matrasulov	Non-Hermittian quantum graphs: Quasiparticle transport, absorbing and scattering at the nodes

Tuesday, 21.09.2021 (Moscow time)

10-00 – 10-40	M. Malamud	Scattering matrices for singular perturbations and elliptic BV problems
10-45 –11-25	V. Lotoreichik	Isoperimetric inequality for the two-dimensional magnetic Robin Laplacian
11-30 –12-10	Alexei Kiselev	Lindblad dynamics of mixed polarization states
12-15 –12-55	Ph. Briet	A model of Sheared Nanoribbons
14-00 –14-40	A.Motovilov	Quantum speed limits for the time evolution of a subspace
14-45–15-25	S.Levin	On coordinate asymptotics of the Schroedinger operator absolutely continuous spectrum eigenfunctions of the n three-dimensional charged quantum particles system
15-30 – 16-10	V.Malyshev	Coulomb law as information transmission by virtual particles
16-15- 16-55	M.Belonenko	Two-dimensional non-topological solutions of Maxwell's equations in the environment of strained carbon nanotubes with impurities
17-00-17-40	Alexander Kiselev	The Flow of Polynomial Roots Under Differentiation
18-00-18-10	A.Belolipetskaya	Non-Weyl asymptotic for Dirac operator on quantum graph with general coupling conditions
18-20-18-30	P.Gilev	Simulation of the quantum imaging with the Shor code
18-40 – 18-50	A.Vorobiev	Asymptotics of resonances for waveguides separated by semitransparent barrier with small window
18-50 – 19-00	T.Yurova	A model of acoustic scattering by a cell with nanoparticles inserted

Wednesday, 22.09.2020 (Moscow time)

10-00 –10-40	C. Cacciapuoti	Three-body Hamiltonians with zero range interactions
10-45 –11-25	G. Cardone	Planar Waveguide with “Twisted” Boundary Conditions and Small Width
11-30 –12-10	I.Lobanov	To be announced
12-15 –12-55	A.Chatterjee	To be announced
13-00 –13-40	V.Zagrebnov	To be announced