PROGRAM

SATURDAY, June 27

9:30–10:30 REGISTRATION

10:30 OPENING

10:40–11:25 **A. Olevskii** (Tel Aviv University). *Wiener's "closer of translates" conjecture and Piatetskii's phenomenon.*

Coffee break

11:55–12:40 **N. Nikolski** (University Bordeaux 1). *Localization of the spectrum of diagonal operators.*

Lunch

15:00–15:45 **A. Poltoratski** (Texas A & M University). *Entire functions and gap theorems.*

Coffee break

16:15–16:35 **M. Roginskaya** (Chalmers TH/GU). *Bounded approximation property in Sobolev spaces on a simply connected planar domain.*

16:40–17:00 **G. Amosov** (Moscow Institute of Physics and Technology). *On a reconstruction of a function from the evolution of its squared absolute value.*

17:05–17:25 **A. Kotochigov** (St.Petersburg State Electrotechnical University). *Multiple interpolation in Hölder spaces.*

SUNDAY, June 28

10:00–10:45 **A. Solynin** (Texas Tech University). *Recent results in classical complex analysis.*

Coffee break

11:05–11:50 **V. Eiderman** (University of Kentucky). *Metric properties of capacities.*

11:55–12:40 **V. Peller** (Michigan State University). *Hölder–Zygmund operator functions.*

Lunch

15:00–15:20 **L. Andreeva** (University Bordeaux 1). *Hölder functions of self-adjoint operators in perturbation theory.*

15:25–15:45 **D. Yakubovich** (Universidad Autonoma de Madrid). *A Nagy–Foiaş type functional model in a complex domain and its application to sectorial operators.*

Coffee break

16:15–16:35 !!! **V. Vlasov** (Moscow Lomonosov State University). *Spectral problems arising in the theory of heat propagation in media with memory.*

16:40–17:00 **A. Zheleznyak** (St.Petersburg State Electrotechnical University). *Multidimensional analog of the Hardy condition for power series.*

MONDAY, June 29

10:00–10:45 **M. Cecil** (University of Connecticut). *Hilbert spaces of holomorphic functions on Hermitian symmetric spaces.*

Coffee break

11:05–11:50 **L. Slavin** (University of Missouri-Columbia). *L^∞-to-BMO norms of singular integrals.*

11:55–12:40 **A. Pajor** (University Paris Est Marne-la-Vallee). *Compressed sensing matrices and geometry of polytopes.*

Lunch

15:00–15:20 ! **A. Mirotin** (Scoryna Gomel State University). *The Gohberg–Krein theorem for Toeplitz operators on ordered groups.*

15:25–15:45 **I. Musin** (Institute of Mathematics with Computer Centre of RAS, Ufa). *Systems of linear differential operators in some analytically uniform spaces.*

Coffee break

16:15–16:35 ! **A. Uglanov** (St.Petersburg State Polytechnical University). *Vector measures, integrals and their applications.*

16:40–17:00 ! **O. Reinov** (St.Petersburg State University). *Counterexamples to Alexander Grothendieck's problems.*

TUESDAY, June 30

10:00–10:45 **B. Pavlov** (University of Auckland). *Spectral duality and the Smilyanski conjecture for the inner and outer von Neumann Laplacians on* $\mathbb{R}^3$.

Coffee break

11:05–11:50 **A. Baranov** (St.Petersburg State University). *The Feichtinger conjecture for reproducing kernels in model subspaces.*

11:55–12:40 **M. Belishev** (Steklov Mathematical Institute at St.Petersburg). *On a unitary equivalent of symmetric semi-bounded operators and its application to inverse problems.*

Lunch

15:00–15:20 **S. Kutateladze** (Sobolev Institute, Novosibirsk) *On the Farkas lemma.*

15:25–15:45 **S. Kislyakov** (Steklov Mathematical Institute at St.Petersburg). *Weak type* $(1,1)$ *in the generalized Marcinkiewicz theorem.*

Coffee break

16:15–16:35 !!! **T. Stulova** (M.Ye.Zukovsky National AeroSpace University). *On entire solutions of some inhomogeneous linear differential equations in a Banach space. Two-dimensional generalized integral Volterra equations that are equivalent to partial hyperbolic equations.*

16:40–17:00 **R. Larionchikov** (Moscow Technical University of Communication and Informatics). *Jacobi polynomials outside orthogonality segment.*

17:05–17:25 **R. Efendiev** (Baku State University). *Inverse indefinite spectral problem for high order differential operator pencil with complex periodic coefficients.*

WEDNESDAY, July 1

FREE DAY

10:00 Bus excursion to Tsarskoe Selo

18:00 CONFERENCE PARTY

THURSDAY, July 2

10:00–10:45 **K. Fedorovskii** (Moscow State Technical University). *On C^m-approximation by polynomial solutions of elliptic equations.*

Coffee break

11:05–11:50 **P. Kurasov** (Lund University). *Inverse problems for quantum graphs with cycles and Aharonov–Bohm effect.*

11:55–12:40 **H. Hedenmalm** (KTH, Stockholm). *Beurling transform and conformal mapping.*