

## PROGRAM

FRIDAY, June 24

9:30–10:30 REGISTRATION

10:30 OPENING

10:40–11:30 **V. Havin.** *On the variation of a positive harmonic function along the normals to the boundary.*

Coffee break

11:55–12:40 **A. Poltoratski.** *Completeness of families of exponentials, Gap and Type problems.*

Lunch

15:00–15:20 **K. Dyakonov.** *Factoring derivatives of functions in the Nevanlinna and Smirnov classes.*

15:25–15:45 **G. Roos.** *Symplectic duality and bisymplectomorphisms for bounded symmetric domains.*

15:50–16:10 **N. Osipov.** *A Littlewood–Paley–Rubio de Francia inequality in the dimension  $n$  for  $p \leq 1$ .*

Coffee break

16:40–17:00 **V. Kapustin.** *Averaged wave operators on the singular spectrum.*

17:05–17:25 **R. Bessonov.** *The past and future wave operators on the singular spectrum.*

## SATURDAY, June 25

10:00–10:45 **B. Pavlov.** *Spectral analysis of 2D periodic lattices via DN-map and relevant fitted solvable models.*

### Coffee break

11:05–11:50 **Yu. Belov.** *Separability of Bessel sequences in de Branges spaces.*

11:55–12:40 **R. Yulmukhametov.** *Unconditional bases of reproducing kernels in Hilbert spaces of entire functions.*

### Lunch

15:00–15:20 **K. Isaev.** *Riesz bases of normalized exponentials in weighted spaces.*

15:25–15:45 **G. Amosov.** *On representing a state in the form of integral over finite-additive measure.*

15:50–16:10 **E. Abakumov.** *Lacunary series and reverse estimates in growth spaces.*

### Coffee break

16:40–17:00 **E. Kalita.** *Existence of very weak solutions for nonlinear elliptic systems.*

17:05–17:25 **M. Hasanov.** *Spectral problems related to the elastodynamic equations.*

**SUNDAY, June 26**

10:00–10:45 **M. Lacey.** *On the  $A_2$  linear bound, and its refinements.*

**Coffee break**

11:05–11:50 **S. Treil.** *Bellman function and sharp weighted estimates of singular integrals.*

11:55–12:40 **L. Slavin.** *The sharp action of the maximal function on  $A_\infty$ .*

**Lunch**

15:00–15:20 **V. Vlasov.** *Structure of the solutions for abstract integrodifferential equations in a Hilbert space.*

15:25–15:45 **B. Bhayo.** *On generalized complete elliptic integrals and modular functions.*

15:50–16:10 **S. Gritsutenko.** *Delta vector in algebras with convolution.*

**Coffee break**

16:40–17:00 **O. Reinov.** *Grothendieck-Lidskii theorem for subspaces and factor spaces of  $L_p$ -spaces.*

17:05–17:25 *To be announced*

**MONDAY, June 27**

*FREE DAY, boat trip to Petrodvorets*

18:00 CONFERENCE PARTY

## TUESDAY, June 28

10:00–10:45 **V. Eiderman.** *Unboundedness of  $s$ -dimensional Riesz potentials with noninteger  $s$ .*

### Coffee break

11:05–11:50 **H. Woracek.** *An addendum to M.G.Kreĭn's Inverse Spectral Theorem for strings.*

11:55–12:40 **K. Fedorovskiy.** *Boundary regularity of Nevanlinna domains and univalent functions in model subspaces.*

### Lunch

15:00–15:20 **P. Zatitskiy.** *Bellman function for extremal problems in BMO.*

15:25–15:45 **P. Ivanishvili.** *Geometrical evolution of the solution of homogeneous Monge-Ampere equation.*

15:50–16:10 **I. Guryanova.** *Generalized two-dimensional Volterra integral equations equivalent to hyperbolic partial differential equations.*

### Coffee break

16:40–17:00 **D. Potapov.** *Spectral shift function on the unit circle.*

17:05–17:25 **A. Pushnitski.** *Spectral theory of discontinuous functions of self-adjoint operators.*

## WEDNESDAY, June 29

10:00–10:45 **S. Kutateladze.** *Leibnizian, Robinsonian, and Boolean-valued monads.*

### Coffee break

11:05–11:50 **A. Baranov.** *(TBA)*

11:55–12:40 **V. Peller.** *Operator moduli of continuity.*