

Program

The PDF file with the program is [vavilov-memorial.conf-pdmi.ru_2025_program.pdf](#)

September 17

Euler Institute, Pesochnaya nab. 10

The link to the Zoom channel of Vavilov Memorial is in your [personal account](#)

09:00 — 09:15	Registration, coffee
09:15 — 09:30	Opening the Conference
09:30 — 11:05	Vladimir Popov (Steklov Mathematical Institute of the Russian Academy of Sciences) Cancellation Problems and Algebraic Groups
11:05 — 11:35	Coffee break
11:35 — 13:10	Sergei Pilyugin (Saint Petersburg State University) Н.А. Вавилов: историко-философский портрет
13:10 — 15:00	Lunch
15:00 — 16:35	Pham Tiep (Rutgers University) Character bounds for simple groups and applications
16:35 — 17:05	Coffee break
17:05 — 18:40	Olivier Mathieu (CNRS, Universite Claude Bernard) Systoles and Coxeter groups
18:40 — 21:30	N.A. Vavilov Bithday party and memories

September 18

10:00 — 11:35	Anastasia Stavrova (St. Petersburg Department of Steklov Mathematical Institute of Russian Academy of Sciences) Isotropic reductive groups and their principal bundles
11:35 — 12:05	Coffee break
12:05 — 13:05	George Shabat (Russian State University for the Humanities) Visualizing finite groups and algebras
13:05 — 14:30	Lunch
14:30 — 15:30	Mikhail Guriev (The State Hermitage Museum) Реставрация часов в Эрмитаже

15:30 — 16:30	Mikhail Ignatev (National Research University Higher School of Economics) Schubert varieties for Kac-Moody groups
16:30 — 17:00	Coffee break
17:00 — 18:00	Pavel Gvozdevsky (Bar-Ilan University) Abstract isomorphisms of isotropic root graded groups over rings
18:05 — 19:40	Zinovy Reichstein (University of British Columbia) On the Cremona dimension of a finite group

September 19

10:00 — 11:35	Oleg Sheinman (Steklov Mathematical Institute) Jacobi inversion problem: classical and contemporary aspects
11:35 — 12:05	Coffee break
12:05 — 13:05	Natalia Maslova (N.N. Krasovskii Institute of Mathematics and Mechanics UB RAS) On Gruenberg-Kegel graphs and beyond
13:05 — 14:30	Lunch
14:30 — 16:05	Alexei Miasnikov (Stevens Institute of Technology) AI and Group Theory
16:05 — 16:35	Coffee break
16:35 — 17:35	Egor Voronetsky (Chebyshev Laboratory, St. Petersburg State University) Locally isotropic elementary groups and their central extensions
17:40 — 18:30	Eugene Plotkin (Bar Ilan University) Problems in model theory of algebraic groups
18:30 — 21:30	Closing the conference. Memories.