

International conference TOPOLOGY AND PHYSICS
dedicated to the 80th Birthday of Sergey P. Novikov

SCHEDULE

Wednesday, September, the 5th

Venue: **Steklov Mathematical Institute, 9th floor, Conference Hall**

- 10.00 – 10.10** Opening
10.15 – 11.00 A.M.Vershik. Laplace operator and random walks on the countable groups: absolute as new kind of boundary
11.00 – 11.25 coffee break
11.25 – 12.10 V.V.Kozlov. Polynomial integrals in the classical and quantum mechanics
12.15 – 13.00 A.P.Veselov. Vortex streets and solitons
13.00 – 15.00 lunch
15.00 – 15.45 I.A.Taimanov. Moutard transformation and its applications
15.45 – 16.00 coffee break
16.00 – 16.45 I.A.Dynnikov. A discretization of complex analysis for triangulated surfaces
17.30 – Reception in honor of S.P.Novikov 80th Birthday

Thursday, September, the 6th

Venue: **Nobel Str., 1, room 351, Mendeleev quarter, Skolkovo Institute of Science and Technology (SkolTech)**

- 9.30 –** bus transfer from Steklov Institute to SkolTech
10.30 – 11.00 coffee break
11.00 – 11.45 D. Gabai. The general 4-dimensional light bulb theorem
11.50 – 12.35 L.A.Takhtadjan. Local index theorem for orbifold Riemann surfaces
12.40 – 13.25 A.A.Gaifullin. On infinitely generated homology of Torelli groups
13.25 – 15.00 lunch
15.00 – 15.45 S.Yu.Dobrokhotov. Lagrangian manifolds with singularities and their applications
15.45 – 16.15 coffee break
16.15 – 17.00 A.E.Mironov. Commuting differential and difference operators
17.05 – 17.50 V.Dragovich. Integrable billiards, extremal polynomials, and Painleve equations
18.00 – bus transfer from SkolTech to Steklov Institute