

Schedule of Sinai-Margulis Conference, July 5-7, 2016

	Tuesday 5.07	Wednesday 6.07	Thursday 7.07
10.00 – 10.50	Bernard Derrida The Kolmogorov--Petrovsky--Piscounov equation: an exactly soluble version	Yury Polyanskiy Log-Sobolev inequalities, hypercontractivity and uncertainty principle on the hypercube	Konstantin Khanin On renormalization and KPZ problem
10.50 – 11.40	Grigori Olshanski New results in asymptotic representation theory	Sergey Yekhanin Maximally recoverable codes for distributed storage	Svetlana Jitomirskaya Universal hierarchical structure of quasiperiodic eigenfunctions
11.40 -- 12.00	Coffee-break	Coffee-break	Coffee-break
12.00 – 12.50	Victor Buchstaber 4-color problem and toric topology of fullerenes	Grigory Kabatiansky On some open problems of coding theory	Yakov Sinai TBA
12.50 – 14.30	Lunch	Lunch	Lunch
14.30 – 15.20	Yulij Ilyashenko Towards the global bifurcation theory on the plane	Mikhail Malyutov Sparsity assumption as a remedy against exponential complexity	Carlo Boldrighini Blow-up of complex solutions of the 3-d Navier-Stokes equations and behavior of related real solutions
15.20 – 16.10	Rostislav Grigorchuk Totally non-free actions, random subgroups and factor representations	Michael Skopenkov Surfaces containing two circles through each point	Dong Li Norm inflation in hydrodynamics and related problems
15.50 – 16.10	Coffee-break	Coffee-break	Coffee-break
16.10 – 17.00	Alessandro Pellegrinotti TBA	Alexander Magazinov Short distance percolation of hard disks	Michael Tsfasman Limit measures associated to zeta-functions
17.00-17.50	Michael Blank Massive/meager sets of typical points	Conference Party 17.20-20.00	