

**Workshop programme „Random geometries / Random topologies“
4 and 5 December 2017, ETH Zurich, HG G 19.1**

	Monday, 4 December	Tuesday, 5 December
09:00		09:00 - 09:50 Vincent Beffara Percolation methods for nodal lines
10:00		Coffee break (G 69)
11:00		10:20 - 11:10 Dmitry Belyaev Russo-Seymour-Welsh estimates for the Kostlan ensemble of random polynomials
12:00		11:10 - 12:00 Jean-Yves Welschinger Expected topology of a random subcomplex in a simplicial complex
13:00		
14:00	14:00 - 14:30 Registration (Common Room, G 69) 14:30 - 15:20 Mikhail Sodin Nodal sets of random spherical harmonics	14:00 - 14:50 Peter Sarnak Topologies of the zero sets of random real projective hyper-surfaces and of monochromatic waves
15:00		15:00 - 15:50 Yaiza Canzani Statistics of Monochromatic Random Waves
16:00	15:30 - 16:20 Jean-François Le Gall Random planar geometry	Coffee break (G 69) 16:15 - 17:00 Alex Barnett (via skype, D 16.2) Experimental Nazarov-Sodin constants, genus, and percolation on nodal domains for 2D and 3D random waves
17:00	17:15 - 18:15 Zurich Colloquium in Mathematics (G 3): Peter Sarnak Integer points on affine cubic surfaces	
18:00	18:15 - 19:15 Reception / Apéro	
19:00	19:30 Dinner (Zunfthaus zum Rüden)	