

**Workshop programme „Probabilistic and Extremal Combinatorics“  
23 to 27 May 2016, ETH Zurich, HG G 19.1**

	Monday	Tuesday	Wednesday	Thursday	Friday
09:00	09:15 - 10:00 <b>Registration</b>	09:30 - 10:15 <b>Alexander Lubotzky</b> Ramanujan complexes and topological expanders		09:30 - 10:15 <b>Jacob Fox</b> Advances on Ramsey numbers	09:30 - 10:15 <b>Michael Krivelevich</b> On MAXCUT in supercritical random graphs, and coloring of random graphs and random tournaments
10:00	10:00 - 10:50 <b>Noga Alon</b> Optimal universal graphs	<b>Coffee break</b>		<b>Coffee break</b>	<b>Coffee break</b>
11:00	<b>Coffee break</b>	10:45- 11:30 <b>Eyal Lubetzky</b> On bond percolation and random walks on expanders		10:45- 11:30 <b>Wojciech Samotij</b> tba	10:45- 11:30 <b>Penny Haxell</b> Edge colouring multigraphs
	11:20 - 12:05 <b>Alexander Scott</b> Induced subgraphs of graphs with large chromatic number	11:45- 12:30 <b>Tibor Szabo</b> Minimal Ramsey graphs and Folkman numbers		11:45- 12:30 <b>Asaf Shapira</b> The removal lemma for tournaments	11:45- 12:30 <b>Tomasz Luczak</b> Yet another look at the phase transition
12:00					
13:00					
14:00					
	14:30 - 15:15 <b>János Pach</b> Segment intersection graphs	14:30 - 15:15 <b>David Conlon</b> Quasirandom Cayley graphs	14:30 - 15:15 <b>Peter Frankl</b> Toward a complete solution of a problem of Erdos and Kleitman from 1966	14:30 - 15:15 <b>Endre Szemerédi</b> Maximum size of a set of integers with no two adding up to a square	
15:00					
	15:30 - 16:15 <b>Ehud Friedgut</b> Geometric stability via information theory	15:30 - 16:15 <b>Oleg Pikhurko</b> Combinatorics behind circle squaring	15:30 - 16:15 <b>Mathias Schacht</b> A generalisation of Mantel's theorem for hypergraphs	15:30 - 16:15 <b>Jozsef Balogh</b> On some applications of the container method	
16:00	<b>Coffee break</b>	<b>Coffee break</b>	<b>Coffee break</b>	<b>Coffee break</b>	
	16:45 - 17:30 <b>Zoltan Füredi</b> Stability in the Erdos-Gallai Theorem on cycles and paths	16:45 - 17:30 <b>Deryk Osthus</b> On the decomposition threshold of a graph	16:45 - 17:30 <b>Daniela Kühn</b> A blow-up lemma for approximate decompositions	16:45 - 17:30 <b>Jacques Verstraete</b> Turan problems for expansions of graphs	
	17:30 - 19:00 <b>Apéro (Common Room)</b>				
18:00			18:30 <b>Dinner (Restaurant Linde Oberstrass)</b>		