Graphs and Randomness
IMPA, Rio de Janeiro, February 19 – March 4, 2018
2nd Week

Ricardo Mañé Auditorium

Hour	Monday 26	Tuesday 27	Wednesday 28	Thursday 1	Friday 2
09:30 - 10:00	Registration				
10:00 - 10:30	**Oliver Riordan** (University of Oxford) *Random cliques in random graphs*	**Yuval Peres** (Microsoft Research) *Gravitational allocation to uniform points on the sphere*	**Abhishek Methuku** (Central European University) *On subgraphs of C_{2k}-free graphs and some generalised Turán problems*	**Yuval Peres** (Microsoft Research) *Trace reconstruction for the deletion channel*	**Shagnik Das** (Freie Universität Berlin) *Supersaturation for Disjoint Pairs*
10:30 - 11:00			**Bernardo N. Borges de Lima** (UFMG) *Truncated long-range percolation on oriented graphs*		**Beka Ergemlidze** (Central European University) *Asymptotics for Turán numbers of cycles in 3-uniform linear hypergraphs*
11:00 - 11:30	Open problems	**Rodrigo Ribeiro** (IMPA) *Building your path to scape from home*	Progress Reports		
11:30 - 13:00	Lunch				
13:00 - 15:00	**Remco van der Hofstad** (Eindhoven University) *Small-worlds, complex networks and random graphs*	Working groups	**Remco van der Hofstad** (Eindhoven University) *Small-worlds, complex networks and random graphs*	Working groups	**Remco van der Hofstad** (Eindhoven University) *Small-worlds, complex networks and random graphs*
15:00 - 15:30	Coffee Break			Coffee Break	
15:30 - 16:30	Open problems	Working groups	Free Afternoon	Working groups	
16:30 - 17:00	**Matthew Jenssen** (Oxford University) *On the hard sphere model and sphere packing in high dimensions*			**Marius Tiba** (University of Cambridge) *Geometric Symmetric Chain Decomposition*	
17:00 - 18:30	Wine & posters				