

# Graphs and Randomness

IMPA, Rio de Janeiro, February 19 – March 4, 2018  
1<sup>st</sup> Week

Ricardo Mañé Auditorium

Hour	Monday 19	Tuesday 20	Wednesday 21	Thursday 22	Friday 23
09:30 - 10:00	Registration				
10:00 - 10:30	<b>Joel Spencer</b> (NYU Courant) <i>Preferential Attachment when Stable</i>	<b>János Pach</b> (EPFL Renyi Institute) <i>Let's talk about multiple crossings</i>	<b>Wojciech Samotij</b> (Tel Aviv University) <i>Subsets of posets minimising the number of chains</i>	<b>Béla Bollobás</b> (University of Cambridge) <i>Reconstruction</i>	<b>Laszlo Miklos Lovasz</b> (UCLA) <i>Arithmetic removal lemmas for triangles and k-cycles</i>
10:30 - 11:00					<b>Taisa Martins</b> (University of Warwick) <i>Step Sidorenko property and non-norming edge-transitive graphs</i>
11:00 - 11:30	Open problems	<b>Julian Sahasrabudhe</b> (IMPA) <i>On Existentially Complete Triangle-free Graphs</i>	Progress Report	<b>Gal Kronenberg</b> (Tel Aviv University) <i>Chromatic index of random multigraphs</i>	Progress Report
11:30 - 13:00	Lunch				
13:00 - 15:00	Open problems	Working groups	Free Afternoon	Working groups	<b>Daniel Král'</b> (University of Warwick) <i>Uniqueness of optimal configurations in extremal combinatorics</i>
15:00 - 15:30	Coffee Break			Coffee Break	
15:30 - 16:30	Working groups	<b>Anita Liebenau</b> (Monash University) <i>The degree sequence of a random graph</i>		Working groups	
16:30 - 17:00				<b>Antonio Girao</b> (University of Cambridge) <i>Highly linked tournaments</i>	
17:00 - 18:30	Wine & posters				