



# Colloquia in Combinatorics

The 14<sup>th</sup> year of the two-day Colloquia in Combinatorics took place online from 12-13 May 2021. This event was jointly hosted by QMUL and LSE.

## Programme

Wednesday 12 May

10:00	<a href="#">Peter Cameron</a> (University of St Andrews & QMUL (emeritus) ) <b>Graphs defined on groups</b> ( <a href="#">video</a> )
11:00	<a href="#">Liana Yepremyan</a> (LSE) <b>The size Ramsey numbers of graphs and hypergraphs</b> ( <a href="#">video</a> )
12:00	<a href="#">Josef Schicho</a> (Johannes Kepler University) <b>Zero-sum cycles in flexible polyhedra</b> ( <a href="#">video</a> )
	Lunch break
14:00	<a href="#">Nicole Megow</a> (University of Bremen) <b>Optimization under explorable uncertainty: An adversarial model and error-prone predictions</b> ( <a href="#">video</a> )
15:00	<a href="#">Oliver Janzer</a> (ETH Zürich) <b>New results for MaxCut in H-free graphs</b> ( <a href="#">video</a> )
16:00	<a href="#">Orit Raz</a> (Hebrew University of Jerusalem) <b>Expanding polynomials and the discretized Elekes–Rónyai theorem</b> ( <a href="#">video</a> )

Thursday 13 May

10:00	<a href="#">Marthe Bonamy</a> (Université de Bordeaux) <b>Exploring the space of colourings with Kempe changes</b> ( <a href="#">video</a> )
11:00	<a href="#">Shagnik Das</a> (FU Berlin) <b>Ramsey simplicity of random graphs</b> ( <a href="#">video</a> )
12:00	<a href="#">Maryam Sharifzadeh</a> (Umeå University) <b>Geometric constructions for Ramsey-Turán theory</b> ( <a href="#">video</a> )
	Lunch break
14:00	<a href="#">Matthew Jenssen</a> (University of Birmingham) <b>Singularity of random symmetric matrices revisited</b> ( <a href="#">video</a> )
15:00	<a href="#">Jessica Enright</a> (University of Glasgow) <b>Firefighting on graphs</b> ( <a href="#">video</a> )
16:00	<a href="#">Oriol Serra</a> (Universitat Politècnica de Catalunya) <b>Counting configurations in groups</b> ( <a href="#">video</a> ) <i>** The Norman Biggs Lecture**</i>

This event was supported by [LMS](#) and [BCC](#).