

Two One-Day Colloquia in Combinatorics

14-15 May 2014 – London

<http://tiny.cc/Colloquia>



Wednesday 14 May 2014

The first day of the Colloquia in Combinatorics will be held at Queen Mary, University of London on Wednesday 14 May, starting at 10.30am. **Coffee is available from 10.00 am in the Maths Building Foyer.** Everyone interested is welcome to attend any part of the event. All the talks will be held in the Maths Lecture Theatre, Mathematical Sciences Building, Mile End Campus, QMUL.

Time	Speaker	Presentation title
10:30	Peter Keevash (Oxford)	The existence of designs
11:20	Vytautas Gruslys (Cambridge)	Orientations of hypergraphs and sparse Ramsey theory
13:30	Ben Barber (Birmingham)	Partition regularity and the columns property
14:20	Ehud Friedgut (Weizmann Institute)	Combinatorial problems in the symmetric group, stability and quasi-stability
15:40	Konrad Swanepoel (LSE)	Counting double-normal pairs in Euclidean space
16:30	Miklós Simonovits (Hungarian Academy of Sciences)	Stability methods, supersaturated graphs, phase transitions



Thursday 15 May 2014

The second day of the Colloquia in Combinatorics will be held at The London School of Economics and Political Science on Thursday 15 May, starting at 10.00am. Everyone interested is welcome to attend any part of the event. The talks will be held in the New Theatre (room number: EAS.E171).East Building, LSE.

Time	Speaker	Presentation title
10:00	Paul Wollan (Rome)	When are directed graphs well-quasi-ordered under taking minors
11:20	Penny Haxell (Waterloo)	Extremal graphs for connectedness
12:10	Pavel Valtr (Prague)	Happy ending theorem and some related questions and results
14:20	József Balogh (Szeged and UIUC)	On the typical structure of sum-free sets
15:40	Diana Piguet (Birmingham)	An approximate version of the tree packing conjecture for bounded degree graphs
16:30	Peter Cameron (St. Andrews)	THE NORMAN BIGGS LECTURE: Combinatorial problems from transformation semigroups

All interested parties are welcome to attend; there is **no formal registration process and seats will be allocated each day on a first come, first served basis.**

Support for this event from the **London Mathematical Society** and the **British Combinatorial Committee** is gratefully acknowledged by the organisers.