

Third Southwestern German Workshop on Graph Theory

Monday

8:30 - 9:00	Registration	
9:00 - 9:10	Introduction	
9:10 - 9:50	Oleg Pikhurko <i>Turan-extremal hypergraphs constructed from mixture of patterns</i>	
9:55 - 10:35	Stefan Glock <i>The n-queens completion problem</i>	
10:35 - 11:10	Coffee break	
11:10 - 11:30	Maya Stein <i>Semidegree conditions for antitrees</i>	Jarek Grytczuk <i>Twins in combinatorial structures</i>
11:35 - 11:55	Richard Lang <i>Local conditions for hypergraph tiling</i>	Lea Weber <i>Avoidable order-size pairs in hypergraphs</i>
12:00 - 12:20	Ander Lamaison <i>Logarithmic convergence of projective planes</i>	Carlos Hoppen <i>On Erdos-Rothschild-type problems in graphs</i>
12:30	Lunch	
14:15 - 14:55	Mathias Schacht <i>Extremal problems in hypergraphs with quasirandom links</i>	
15:00 - 15:30	Coffee break	
15:30 - 16:10	Gabor Tardos <i>Edge-ordered graphs with almost linear extremal functions</i>	

Tuesday

9:00 - 9:40	Adriana Hansberg <i>Unavoidable patterns in 2-colorings of the complete graph</i>
9:45 - 10:25	Matthias Kriesell <i>Graph Decomposition with Constraints to Minimum Degree and Connectivity</i>
10:25 - 11:10	Coffee break
11:10 - 12:20	Open problem session
12:30	Lunch
14:15 - 14:55	David Wood <i>Product Structure of Graph Classes with Bounded Treewidth</i>
15:00 - 15:40	Coffee break
15:45 - 16:25	Dan Kral Uniform Turán density of hypergraphs

Wednesday

9:00 - 9:40	Matthew Kwan <i>High-girth Steiner triple systems</i>	
9:45 - 10:05	Andrew Treglown <i>Complete subgraphs in a multipartite graph</i>	Fabricio Benevides <i>On Heilbronn triangle-type problems in higher dimensions</i>
10:10 - 10:30	Barnabas Janzer <i>Large hypergraphs without tight cycles</i>	Ann-Kathrin Elm <i>Radial path width</i>
10:25 - 11:10	Coffee break	
11:10 - 11:30	Bertille Granet <i>Hamilton decompositions of regular bipartite tournaments</i>	Felix Clemen <i>The Spectrum of Triangle-free Graphs</i>
11:35 - 11:55	Dömötör Palvolgyi <i>Edge-ordered Graphs: Geometric Applications</i>	Olaf Parczyk <i>New Ramsey Multiplicity Bounds and Search Heuristics</i>
12:00 - 12:20	Joshua Erde <i>Expansion in the giant component of the percolated hypercube</i>	Robert Hancock <i>Blowup Ramsey numbers</i>
12:30	Lunch	
15:00	Excursion	

Thursday

9:00 - 9:40	Dhruv Mubayi <i>Recent advances in Ramsey theory</i>	
9:45 - 10:25	Lutz Warnke <i>The degree-restricted random process is far from uniform</i>	
10:25 - 11:10	Coffee break	
11:10 - 11:30	Hong Liu <i>What do we get from crux?</i>	Amanda Montejano <i>Feasible edge-replacements and the family of amoebas</i>
11:35 - 11:55	Christian Winter <i>Poset Ramsey number: large Boolean lattice vs. fixed poset</i>	Jaehoon Kim <i>Hypertrees in Steiner triple systems</i>
12:00 - 12:20	Mykhaylo Tyomkyn <i>Monochromatic components with many edges</i>	Alberto Espuny Diaz <i>Powers of Hamilton cycles in graphs perturbed by a random geometric graph</i>
12:30	Lunch	
14:00 - 17:00	Celebration 50th birthday Dieter Rautenbach	
19:00	Workshop Dinner in Backmulde	

Friday

9:00 - 9:40	Katherine Staden <i>The Erdős-Rothschild problem</i>	
9:50 - 10:10	Oliver Janzer <i>On the Turán number of graphs with minimum degree 3</i>	Victor Falgas-Ravry <i>Towards a 1-dependent version of the Harris-Kesten theorem</i>
10:15 - 10:35	Marcus Kühn <i>Conflict-free hypergraph matchings</i>	
10:35 - 11:10	Coffee break	
11:10 - 11:30	Raphael Steiner <i>Choosability of graphs with excluded minors</i>	
11:35 - 12:15	Jozsef Balogh <i>On Robustness of The Erdos-Ko-Rado Theorem</i>	