

Friday, 24 November 2017

- 09:00 - 09:05** *Opening*
- 09:05 - 10:00** **Gunnar Brinkmann (Ghent)**
“A formal approach to operations on polyhedra”
- 10:00 - 10:30** *Coffee break*
- 10:30 - 12:05** **Parallel sessions**
- 12:05 - 13:15** *Lunch*
- 13:15 - 15:15** **Parallel sessions**
- 15:15 - 15:45** *Coffee break*
- 15:45 - 16:40** **Cun-Quan Zhang (Morgantown)**
“Flows of signed graphs - a survey”
- 19:00** *Dinner at Bobberts (Neuer Platz 3, Downtown Paderborn)*

Saturday, 25 November 2017

- 08:50 - 10:00** **Parallel sessions**
- 10:00 - 10:30** *Coffee break*
- 10:30 - 12:05** **Parallel sessions**
- 12:05 - 13:15** *Lunch*
- 13:15 - 14:10** **Dieter Jungnickel (Augsburg)**
“On block codes of Steiner triple systems”
- 14:10 - 14:40** *Coffee break*
- 14:40 - 15:35** **Carsten Thomassen (Lyngby)**
“Colorings, flows, and decompositions of graphs”
- 15:35 - 15:40** *Farewell*

Detailed program on Friday, 24 November 2017

Time	Section I Room: A	Section II Room: B	Section III Room: D
09:00 - 09:05	<i>Opening</i>		
09:05 - 10:00	Gunnar Brinkmann A formal approach to operations on polyhedra		Room: A
10:00 - 10:30	<i>Coffee break</i>		
10:30 - 10:50	G. Mazzuoccolo 1 Colourings of cubic graphs inducing isomorphic monochromatic subgraphs	S. Mohr 2 On Selkow's bound on the independence number of graphs	A. Fischer 3 The traveling salesman problem with forbidden neighborhoods on regular grids
10:55 - 11:15	E. Máčajová 4 A generalisation of the Fulkerson conjecture	S. Cambie 5 Maximum Wiener indices of unicyclic graphs of given matching number	M. Gyetvai 6 Optimization of transition rules in a Bonus-Malus system
11:20 - 11:40	L. Jin 7 1-factor coverings of cubic graphs	T. Schweser 8 Hypergraph partitions and variable degeneracy	V. Bindewald 9 Robust recoverable matchings on a budget
11:45 - 12:05	D. Labbate 10 2-factors of regular graphs: an update	S. Das 11 Erdős–Rothschild for intersecting systems	I. Beckenbach 12 A hypergraphic generalization of the network simplex algorithm
12:05 - 13:15	<i>Lunch</i>		
13:15 - 13:35	Y. Kang 13 Hajós-like theorem for signed graphs	Q. Shakir 14 Sparsity and tightness for graphs drawn on surfaces	M. Mohammadpour Sabet 15 Connected zero forcing number of some families of graphs
13:40 - 14:00	L. P. Majd 16 On the spectrum of signed complete and complete bipartite graphs	J. Beisegel 17 New vertex ordering characterisations of AT-free graphs	K. Cs. Ágoston 18 Cutting stock problem with the possibility of welding
14:05 - 14:25	M. Schubert 19 Flows on signed graphs	T. Lange 20 Irrelevant edges for k -connectivity	U. Tamm 21 Block chains in finance
14:30 - 14:50	J. Goedgebeur 22 On minimal triangle-free 6-chromatic graphs	Ch. Josten 23 Symmetry vs complexity: a geometric look at inaccessible graphs	V. Lebedev 24 Adaptive q -ary search with lies
14:55 - 15:15	H. Harborth 25 Gaps for numbers of crossings	A. Rostami 26 Strong rainbow coloring and rainbow coloring of unicycle graphs	S. D. Andres 27 Autotopism stabilized generalized Latin square colouring games
15:15 - 15:45	<i>Coffee break</i>		
15:45 - 16:40	Cun-Quan Zhang Flows of signed graphs - a survey		Room: A

Detailed program on Saturday, 25 November 2017

Time	Section I Room: A	Section II Room: B	Section III Room: D
08:50 - 09:10	G. Rinaldi 28 Rainbow spanning tree decompositions in complete graphs colored by 1-factorizations	M. Šimac 29 LDPC codes constructed from Moore graphs with diameter 2	F. Hommelsheim 30 Assignment problems with few failure resources
09:15 - 09:35	N. Van Cleemput 31 Non-Hamiltonian and non-traceable regular 3-connected planar graphs	R. Arshad 32 Almost perfect nonlinear functions	R. Scheffler 33 The distance orientation problem
09:40 - 10:00	F. Fischer 34 Counting degree sequences of spanning trees in bipartite graphs: a graph theoretic proof	S. Hu 35 A bound on the Shannon capacity via a linear programming variation	L. van Rooijen 36 A combinatorial approach to the separation problem for regular languages
10:00 - 10:30	<i>Coffee break</i>		
10:30 - 10:50	I. Schiermeyer 37 Gallai Ramsey number for K_4	A. Svob 38 t -designs and strongly regular graphs constructed from some linear groups	T. Mészáros 39 Shattering-extremal set systems
10:55 - 11:15	J. Rollin 40 Minimal ordered Ramsey graphs	V. Krčadinac 41 An updated table of quasi-symmetric designs	
11:20 - 11:40	W. Hochstättler 43 Algebraic NL -flows and a polynomial	S. Li 44 A construction of strong external difference families	
11:45 - 12:05	R. Steiner 46 Neumann-Lara-flows and the Two-Colour-Conjecture	Ch. Günther 47 Spectral properties of character polynomials	
12:05 - 13:15	<i>Lunch</i>		
13:15 - 14:10	Dieter Jungnickel On block codes of Steiner triple systems		Room: A
14:10 - 14:40	<i>Coffee break</i>		
14:40 - 15:35	Carsten Thomassen Colorings, flows, and decompositions of graphs		Room: A
15:35 - 15:40	<i>Farewell</i>		