

Donnerstag, 16.11.2006

- 9:00** **Christian Krattenthaler** (Wien) (G03-315)
 “Non-crossing partitions on an annulus”
- anschließend** *Kaffeepause*
- 10:30** **Reinhard Diestel** (Hamburg) (G03-315)
 “Extremal infinite graph theory? A topological approach”
- 11:40** **Anand Srivastav** (Kiel) (G03-315)
 “Low Discrepancy Colorings of Additive Structures ”
- anschließend** *Mittagspause*
- 14:30 - 16:45** **Sektionsvorträge**
- 16:45 - 17:15** *Kaffeepause*
- 17:15** **Aart Blokhuis** (Eindhoven) (G03-315)
 “Do we know all 3 colourable distance regular graphs?”

Freitag, 17.11.2006

- 9:00** **Peter Gritzmann** (München) (G03-315)
 “Geometric clustering ”
- anschließend** *Kaffeepause*
- 10:30** **Veerle Fack** (Ghent) (G03-315)
 “Search algorithms for substructures in combinatorial objects”
- 11:40** **Dorothea Wagner** (Karlsruhe) (G03-315)
 “Route Planning and Engineering Shortest Paths”
- anschließend** *Mittagspause*
- 14:30 - 16:15** **Sektionsvorträge**
- 16:15 - 16:45** *Kaffeepause*
- 16:45 - 18:05** **Sektionsvorträge**
- 19:15** *Gemeinsames Abendessen im Ratskeller*
 Alter Markt (Einlass ab 18:45).

Samstag, 18.11.2006

- 9:00** **Rolf H. Möhring (Berlin)** (G03-315)
 “Routing in Graphs with Applications in Traffic and Logistics”
- anschließend** *Kaffeepause*
- 10:20 - 12:10** **Sektionsvorträge**
- anschließend** *Mittagspause*
- 14:00 - 15:20** **Sektionsvorträge**
- anschließend** *Kaffeepause*
- 15:40** **Bojan Mohar (Vancouver)** (G03-315)
 “How large must the set of subset sums be?”

Kurzvorträge Donnerstag, 16.11.2006

Zeit	Sektion I G03-106	Sektion II G03-214	Sektion III G02-106	Sektion IV G02-111
14:30	U. Brehm 1 Linking Structures	A.-V. Kramer 2 The de Bruijn Graph $B(2, n)$	J. Quistorff 3 Combinatorial Problems in the Enomoto-Katona Space	M. Koch 4 Construction of generalized polyominoes
14:57	M. Köppe 5 A primal Barvinok algorithm based on irrational decompositions	S. M. Camacho 6 Colourings of graphs with prescribed cycle lengths	S. Kurz 7 Integral point sets over \mathbb{Z}_p^2	M. Sonntag 8 A characterization of hypercacti
15:25	N. Düvelmeyer 9 Relative position of small point configurations	M. Kochol 10 3-coloring of graphs with restricted neighborhood	T. Westerbäck 11 Maximal strictly partial Hamming packings of \mathbb{Z}_2^n	E. Harzheim 12 Center-symmetric subsets of subsets of \mathbb{N} which have infinite reciprocal sum
15:52	V. Vigh 13 Approximating 3-dimensional convex bodies by polytopes with a restricted number of edges	I. Schiermeyer 14 A new upper bound for the chromatic number of a graph	W. Haas 15 On the failing cases of the Johnson bound for error-correcting codes	H. Harborth 16 Magic and Latin Triangle and Hexagon Boards
16:20	G. Averkov 17 Metric capacity of normed spaces	M. Marangio 18 Färbungen von Distanzgraphen	G. Kyureghyan 19 On monomial bent functions	20
16:45	<i>Kaffeepause</i>			
17:15	Aart Blokhuis Do we know all 3 colourable distance regular graphs?			

Kurzvorträge Freitag, 17.11.2006

Zeit	Sektion I G03-106	Sektion II G03-214	Sektion III G02-109	Sektion IV G02-111
14:30	M. Andresen 21 An extension of the Triangle Lemma	J. Lehmann 22 [r, s, t]-colorings of stars	G. Gerlich 23 List Classes and Difference Lists	M. Fouz 24 Hereditary Discrepancy in Different Numbers of Colors
14:57	M. Kang 25 Random planar structures	D. Gerbner 26 l -chain-profile vectors	R. Laue 27 Large sets of t -designs from t -homogeneous groups	N. Hebbinghaus 28 Discrepancy of d -dimensional Arithmetic Progressions with Common Difference
15:25	T.G. Seierstad 29 Phase transitions in random graphs processes	T. Friedrich 30 Deterministic Random Walks on the Infinite Grid	M. Grüttmüller 31 Pan-orientable Block Designs	F. Fodor 32 Line transversals to families of spheres
15:52	L. K. Jørgensen 33 Extremal results for minors and rooted minors	H.-M. Teichert 34 Competition structures of directed and undirected graphs	M. Huber 35 Flag-transitive Combinatorial Designs	W. Wenzel 36 Zariski-Topologien und Algebraische Kombinatorik
16:15	<i>Kaffeepause</i>			
16:45	B. Doerr 37 Partial Colorings of Unimodular Hypergraphs	F. Zickfeld 38 Counting Schnyder woods	H. Gropp 39 News on configurations	D. Van Dyck 40 NP-complete but easy: to be or not to be Yutsis
17:12	A. O. Munagi 41 On Systems of Finite Complementing Subsets	D. Johannsen 42 A Direct Decomposition of 3-Connected Planar Graphs	A. Kohnert 43 Number of different degree sequences of a graph with no isolated vertices	Ch. Klein 44 Matrix Rounding
17:40	Ch. Bey 45 On shadows of intersecting set systems	A. Kohl 46 Some bounds and open questions for L_P -list labellings	M. Wappler 47 The Rotational Dimension of a Graph	R. Hildenbrandt 48 Partitions-Requirements-Matrices (PRMs)

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Zeit	Sektion I G03-106	Sektion II G03-214	Sektion III G02-109	Sektion IV G02-111	Sektion V G03-315
10:20	A. Paffenholz 53 Faces of the Birkhoff Polytope	C. Dangelmayr 54 Chordal Graphs and Intersection Graphs of Pseudosegments	O. Heden 55 Perfect codes of kernel dimension -3	S. Schwarz 56 Optimal Line-Ups in Team Competitions with Non-linear Objective Functions	J. Foniok 57 Graph Homomorphisms and Homomorphism Order
10:47	B. Nill 58 Permutation polytopes	A. Kemnitz 59 Circular Total Colorings of Graphs	P. Ligeti 60 On reconstruction of words from its subwords	C. Lange 61 Realisations of generalised associahedra	K. Paramasivam 62 On Coloring Boolean Algebra and Boolean Semigroup
11:15	S. Kappes 63 Orthogonal Surfaces - A Combinatorial Approach	S. Brandt 64 On a Conjecture about Edge Irregular Total Labellings	R. Waters 65 Network pricing, routing and congestion control	G. Ambrus 66 On the number of mutually touching cylinders	R. Gugisch 67 On the Generation of Isomorphism Classes of Mappings
11:42	H. Han 68 Spanning bipartite subgraphs in dense graphs	D. Kral 69 Non-rainbow colorings of plane graphs	J. Lengler 70 The Burst Error Liar Game	E. Gerbracht 71 Minimal Polynomials for the Coordinates of the Harborth Graph	F. Pfender 72 On degree conditions for H -linked graphs
12:15	<i>Mittagspause</i>				
14:00	D. Rautenbach 73 A Generalization of Dijkstra's Shortest Paths Algorithm with Applications to VLSI routing	N.J. Rad 74 Total Domination critical graphs	F. Göring 75 Equilibria for games played by players using simple learning rules	D. Cieslik 76 Connecting Networks of Minimal Costs	
14:27	Yu. Orlovich 77 On the complexity of the maximum dissociation set problem for line graphs	J. Harant 78 A Generalization of Tutte's Theorem on Hamiltonian Cycles in Planar Graphs	R. Steinberg 79 Combinatorial Auctions	E. Eisenschmidt 80 Computation of atomic fibers of Z -linear maps	
14:55	T. Laihonen 81 Codes for Locating Faulty Vertices in a Graph	82	M. Kiermaier 83 Arcs in projective Hjelmslev geometries: A geometric construction of the expurgated Octacode	M. Schacht 84 Generalizations of the removal lemma and property testing	
15:20	<i>Kaffeepause</i>				
15:40	Bojan Mohar How large must the set of subset sums be?				