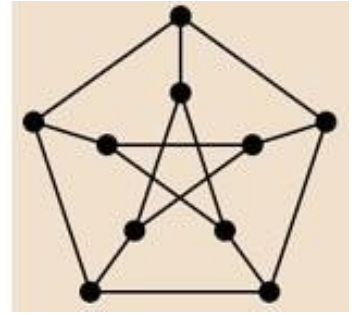




46, 9, 4–57, 3, 5



GT2015

Final Version (Aug. 21, 2015)



August 23 – 28, 2015
Nyborg, Denmark

SUPPORTED BY THE DANISH COUNCIL FOR INDEPENDENT RESEARCH
AND THE DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE AT



UNIVERSITY OF SOUTHERN DENMARK

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- Hjalte Wedel Vildhøj
- Douglas West (and Ching)
- Christian Wulf-Nielsen
- Anders Yeo
- Cui Zhang
- Xuding Zhu (and wife)

TALKS 45 MINUTES

- Jack Edmonds: [Convex extension of set functions](#).
- Pavol Hell: [List homomorphisms - time and space](#)
- Bill Jackson: [Rigidity of Graphs and Frameworks](#)
- Tibor Jordán: [Unique Completability of Partially Filled Low Rank Positive Semidefinite Matrices](#)
- Kenichi Kawarabayashi: [The directed grid theorem](#)
- Wolfgang Mader: [Critical vertices in k-connected digraphs](#)
- Jaroslav Nesteril: [Orderings of undirected graphs](#)
- Miklós Simonovits: [Stability method and the exact solution of the Erdos-T. Sos conjecture](#)
- Michael Stiebitz: [Critical Graphs and Hypergraphs](#)
- Stéphan Thomassé:
- Carsten Thomassen: [From finite to infinite graphs](#)
- Andrew Thomason [List colourings of hypergraphs](#)
- Mikkel Thorup: [Deterministic edge-connectivity in near linear time](#)
- Anders Yeo [Transversals in hypergraphs](#)

TALKS 25 MINUTES

- Robert E.L. (Tank) Aldred: [Cycles in 5-connected planar triangulations](#)
- Stephen Alstrup: [Induced universal graphs and labeling schemes](#)
- Julien Bensmail: [Edge-partitioning a graph into paths: beyond the Barat-Thomassen conjecture](#)
- Stephane Bessy: [Antistrong Digraphs](#)
- Marthe Bonamy: [Induced cycles in a graph with high chromatic number](#)
- Hajo Broersma: [Toughness, forbidden subgraphs and hamiltonicity](#)
- Kathie Cameron: [The Structure of Graphs Without Even Holes or Odd Pans](#)
- Louis Esperet: [Boxicity and topological invariants](#)
- Herbert Fleischner: [Hamiltonian cycles in squares of graphs revisited](#)
- John Gimbel: [Old and New Results in Chromatic Theory](#)
- Jochen Harant: [On Longest Cycles in Essentially 4-connected Planar Graphs](#)
- Jacob Holm: [Planar reachability in linear space and constant time](#)
- Tommy Jensen: [On a linear algebra version of the Hajos Theorem](#)
- Leif K. Joergensen: [Mixed Moore graphs](#)
- Tomas Kaiser: [Doubly-critical hypergraphs](#)
- Matthias Kriesell: [Unique colorability and clique minors](#)
- Gary MacGillivray: [Colourings of \$\(0;m\)\$ -graphs and the switching operation](#)
- Martin Merker: [Decomposing highly edge-connected graphs into trees of small diameter](#)
- Seongmin Ok: [New results for variants of the Merino-Welsh conjecture](#)
- Thomas Perrett: [A zero-free interval for chromatic polynomials of graphs with 3-leaf spanning trees](#)
- Michael Plummer: [Well-covered tessellations of the plane](#)
- André Raspaud: [Oriented incidence colourings of digraphs](#)
- Dieter Rautenbach: [Optimal Colorings with Rainbow Paths](#)
- Eckhart Steffen: [Cores, joins and the Fano-ow conjectures](#)
- Matej Stehlik [Edge-critical subgraphs of Schrijver graphs](#)
- Douglas West: [The f-matching game on a graph.](#)
- Xuding Zhu: [Total weight choosability of trees](#)

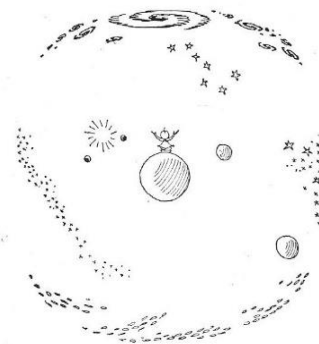
GT2015 PROGRAM OVERVIEW

Sunday: Sandwiches, softdrinks & beer from 18:00

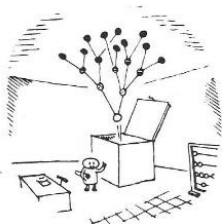
	Monday	Tuesday	Wednesday	Thursday	Friday
09:00 – 09:45	Hell	Jackson	Edmonds	Mader	Thomassen
09:55 - 10:40	Thomason	Jordan	Kawarabayashi	Nesetril	Esperet (25 min from 10:15)
10:50 – 11:35	Yeo	Simonovits	Thorup	Thomassé	Stiebitz (45 min from 10:45)
11:45 – 12:10	Plummer	Aldred	Raspaud	West	Jørgensen (25 min from 11:35)
12:10 – 13:10	Lunch	Lunch	Lunch	Lunch	Lunch (from 12:00)
14:30 – 15:00	Coffee	Coffee	Coffee	Coffee	
15:00 – 15:25	Bessy	Broersma	Holm	Gimbel	
15:30 – 15:55	Alstrup	Cameron	Steffen	Jensen	
16:00 – 16:25	Bensmail	Fleischner	Rautenbach	Kriesell	
16:30 – 16:55	Merker	Harant	Perrett	Stehlik	
17:00 – 17:25	Bonamy	Zhu	MacGillivray	Kaiser	
17:30 – 17:55		Ok			
18:30 – 20:00	Dinner	Dinner	Dinner	Conference-dinner	
20:00 – 22:00	Problem-session				



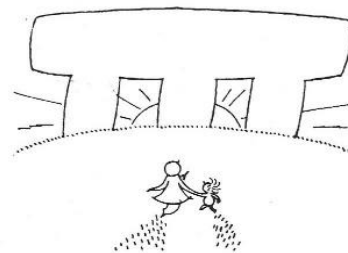
*The road to wisdom?—Well, it's plain and simple to express:
Err and err and err again
but less and less and less.*



*The universe may be as great as they say.
But it wouldn't be missed
if it didn't exist.*



*We shall have to evolve
problem solvers galore—
since each problem we solve
creates ten problems more.*



*Mind these three:
T. T. T.
Hear their chime:
Things Take Time.*