

WG 2011 scientific and social program

Monday June 20, 2011

17:00 Bus departure from Prague

18:50 Arrival to Tepla

19:00 Welcome party and registration

Tuesday June 21, 2011

9:00 Invited talk A. Matchetti-Spaccamela: Structures and Hyperstructures in Metabolic Networks

10:00 Cofee Break

10:30 Marek Cygan, Daniel Marx, Marcin Pilipczuk, Michal Pilipczuk and Ildiko Schlotter. Parameterized Complexity of Eulerian Deletion Problems

11:00 Manuel Sorge, René Van Bevern, Rolf Niedermeier and Mathias Weller. From Few Components to an Eulerian Graph by Adding Arcs

11:30 Daniel Lokshantov, Matthias Mnich and Saket Saurabh. Planar k-Path in Subexponential Time and Polynomial Space

12:00 Toru Hasunuma and Hiroshi Nagamochi. Improved Bounds for Minimum Fault-Tolerant Gossip Graphs

12:30 Lunch

14:00 Andrew McGrae and Michele Zito. Empires Make Cartography Hard: The Complexity of the Empire Colouring Problem

14:30 Jean-Francois Couturier, Petr Golovach, Dieter Kratsch and Daniel Paulusma. List coloring in the absence of a linear forest

15:00 Ondřej Bílka, Jozef Jirásek, Pavel Klavík, Martin Tancer and Jan Volec. On the Complexity of Planar Covering of Small Graphs

15:30 Coffee Break

16:00 Felix Arends, Joel Ouaknine and Charles Wampler. On Searching for Small Kochen-Specker Vector Systems

16:30 Michael Pelsmayer, Marcus Schaefer, Daniel Štefankovič and Radoslav Fulek. Hanani-Tutte and Monotone Drawings

17:00 Christopher Auer and Andreas Gleißner. Characterizations of Deque and Queue Graphs

18:00 Dinner

Wednesday June 22, 2011

9:00 Rémy Belmonte and Martin Vatshelle. Graph Classes with Structured Neighborhoods and Algorithmic Applications

9:30 Hisao Tamaki. A polynomial time algorithm for bounded directed pathwidth

10:00 Yota Otachi, Toshiki Saitoh, Katsuhisa Yamanaka, Shuji Kijima, Yoshio Okamoto, Hiroataka Ono, Yushi Uno and Koichi Yamazaki. Approximability of the Path-Distance-Width for AT-free Graphs

10:30 Coffee Break

11:00 Konstanty Junosza-Szaniawski, Zbigniew Lonc and Michal Tuczynski. Counting independent sets in claw-free graphs

11:30 Christine Cheng, Eric Mcdermid and Ichiro Suzuki. Planarization and acyclic colorings of subcubic claw-free graphs

12:00 Iyad Kanj and Fenghui Zhang. On the independence number of graphs with maximum degree

12:30 Lunch

14:00 Monastery sightseeing tour

15:30 Coffee Break

16:00 Liliana Alcon, Luerbio Faria, Celina Figueiredo and Marisa Gutierrez. Split clique graph complexity

16:30 Serge Gaspers, Mathieu Liedloff, Maya Stein and Karol Suchan. Complexity of Splits Reconstruction for Low-Degree Trees

17:00 Ján Katrenič, František Galčík and Gabriel Semanišin. On computing an optimal semi-matching

17:30 Magnus M. Halldorsson, Sergey Kitaev and Artem Pyatking. Alternation graphs

18:30 Concert

20:00 Banquet

Thursday June 23, 2011

9:00 Invited talk D. Marx: Important Separators and Parameterized Algorithms

10:00 Cofee Break

10:30 Andreas Emil Feldmann, Shantanu Das and Peter Widmayer. Restricted Cuts for Bisections in Solid Grids

11:00 Juraj Stacho, Elad Cohen and Steven Chaplick. Recognizing some subclasses of vertex intersection graphs of 0-bend paths in a grid

11:30 Holger Flier, Matus Mihalak, Anna Zych and Peter Widmayer. Maximum Independent Set in 2-Direction Outersegment Graphs

12:00 Alexander Ravsky and Oleg Verbitsky. On collinear sets in straight line drawings

12:30 Lunch

14:00 Katarina Cechlarova and Eva Jelínková. Approximability of Economic Equilibrium for Housing Markets With Duplicate Houses

14:30 Danny Hermelin, Chien-Chung Huang, Stefan Kratsch and Magnus Wahlström. Parameterized Two-Player Nash Equilibrium

15:00 Marijke Bodlaender, Cor Hurkens and Gerhard J. Woeginger. The Cinderella game on holes and anti-holes

15:30 Hans L. Bodlaender and Dieter Kratsch. Exact Algorithms for Kayles

16:00 Coffee Break

17:00 Departure (from Tepla) of the bus to Prague, expected arrival to Prague - 19:00

18:00 Dinner

Friday June 24, 2011

Conference Excursion

10:00 The Bečov castle – Sightseeing Tour

13:00 Lunch at the family brewery Chodovar

15:00 Brewery tour

17:00 Departure (from Chodovar) of the bus to Prague, expected arrival to Prague - 19:00