

# BGW 2014

## Wednesday

### Morning

8:00 – 9:00 Registration		
	Amphi D	Amphi C
9:00 – 9:15	Opening talk	
9:15 – 10:15	<b><i>Margit Voigt</i></b> <b>List colorings of planar graphs</b>	
10:15 – 10:30 Coffee break (room 12)		
10:30 - 10:55	<b><i>Eckhard Steffen</i></b> Circular flow numbers of (signed) regular graphs	<b><i>Misa Nakanishi</i></b> A sufficient condition leading to the domination number of a bipartite graph
10:55 – 11:20	<b><i>Edita Macajova, Andre Raspaud and Martin Skoviera.</i></b> The chromatic number of a signed graph	<b><i>Pavel Dvořák and Dusan Knop.</i></b> Parametrized complexity of length-bounded cuts and multi-cuts
11:20 - 11:45	<b><i>Edita Rollova, Michael Schubert and Eckhard Steffen.</i></b> Signed graphs with two negative edges	<b><i>Nicolas Gastineau, Olivier Togni and Brice Effantin.</i></b> On parameterized complexity to determine b-chromatic and partial Grundy numbers
11:45 - 12:10	<b><i>Ararat Harutyunyan, Hakim El Maftouhi and Yannis Manoussakis.</i></b> Balance in Random Signed Graphs	<b><i>David Hartman, Jan Hubicka and Jaroslav Nesetril.</i></b> Towards bounds of relational complexity
12:10 – 14:00 Lunch (restaurant “La Passerelle”)		

**Afternoon**

	Amphi D	Amphi C	Room TD27
14:00 - 14:25	<a href="#">Nazanin Movarraei</a> and <a href="#">Pascal Ochem</a> . On oriented and 2-edge colored graphs	<a href="#">Simon Schmidt</a> , <a href="#">Sylvain Gravier</a> , <a href="#">Kahina Meslem</a> and <a href="#">Souad Slimani</a> . A New Game Invariant of Graphs : the Game Distinguishing Number	<a href="#">Mozhgan Pourmoradnasseri</a> and <a href="#">Dirk Oliver Theis</a> . The Rectangle Covering Number of Random Boolean Matrices
14:25 - 14:50	<a href="#">Marthe Bonamy</a> , <a href="#">Hervé Hocquard</a> , <a href="#">Samia Kerdjoudj</a> and <a href="#">André Raspaud</a> . On the incidence chromatic number of sparse graphs	<a href="#">Stephan Dominique Andres</a> and <a href="#">Andrea Theuser</a> . On the game colouring number of powers of graphs	<a href="#">Toru Hasunuma</a> . Colorings of iterated subdivided-line graphs
14:50 - 15:15	<a href="#">Christopher Duffy</a> , <a href="#">Gary MacGillivray</a> and <a href="#">Andre Raspaud</a> . Oriented Incidence Colouring of Digraphs	<a href="#">Elzbieta Sidorowicz</a> . On the unilateral colouring game	<a href="#">Ingo Schiermeyer</a> . Chromatic number of $P_5$ -free graphs: Reed's conjecture
15:15 - 15:40	<a href="#">Arnfried Kemnitz</a> and <a href="#">Massimiliano Marangio</a> . Total colorings of cartesian products of graphs	<a href="#">Zbigniew Lonc</a> . On achromatic and harmonious numbers of powers of paths and cycles	<a href="#">Kyle Yang</a> and <a href="#">Carl Yerger</a> . Steinberg's Conjecture, the Bordeaux Coloring Conjecture and Near-Coloring
15:40 – 16:00 Coffee break (room 12)			
16:00 - 16:25	<a href="#">Binlong Li</a> and <a href="#">Petr Vrana</a> . Forbidden pairs of disconnected graphs implying hamiltonicity	<a href="#">Bruno Courcelle</a> . Rank-width for countable graphs and compactness	<a href="#">Olivier Hudry</a> . On the Number of Optimal Identifying Codes in Twin-Free Graphs
16:25 - 16:50	<a href="#">Richard Lang</a> , <a href="#">Maya Stein</a> and <a href="#">Oliver Schaudt</a> . Partitioning 3-edge-coloured complete bipartite graphs into monochromatic cycles	<a href="#">Pavel Klavík</a> and <a href="#">Maria Saumell</a> . Minimal Obstructions for Partial Representations of Interval Graphs	<a href="#">Nicolas Bousquet</a> , <a href="#">Aurélie Lagoutte</a> , <a href="#">Zhentao Li</a> , <a href="#">Aline Parreau</a> and <a href="#">Stéphan Thomassé</a> . Identifying codes and VC-dimension
16:50 - 17:15	<a href="#">Torsten Mütze</a> . Proof of the middle levels conjecture	<a href="#">Marcin Kamiński</a> , <a href="#">Jean-Florent Raymond</a> and <a href="#">Théophile Trunck</a> . Multigraphs without large bonds are wqo by contraction	<a href="#">Jakub Przybyło</a> . Neighbour distinguishing colourings of graphs
17:15 - 17:40	<a href="#">Clément Charpentier</a> . 2-distance coloring of not-so-sparse graphs	<a href="#">Khelladi Abdelkader</a> . Structure of complement of bipartite graphs	<a href="#">Debra Boutin</a> . The Cost of 2-Distinguishing Graphs
<b>18:00-21:30</b> <i>Wine and cheese party (room “Badiane”, Haut-Carre site)</i>			

# BGW 2014

## Thursday

### Morning

	Amphi D	Amphi C
9:00 - 10:00	<b><u>Maria Chudnovsky</u></b> Induced cycles and coloring	
10:00 – 10:30 Coffee break (room 12)		
10:30 - 10:55	<u>Irena Penev.</u> Perfect graphs with no balanced skew-partition are 2-clique-colorable	<u>Jaehoon Kim, Alexandr Kostochka and Xuding Zhu.</u> Improper coloring and density of graphs with a given girth
10:55 – 11:20	<u>Ligang Jin.</u> Cores of cubic graphs: structure and oddness	<u>Ilkyoo Choi, Jan Ekstein, Přemysl Holub and Bernard Lidicky.</u> Extending 3-colorings of a cycle to a triangle-free planar graph
11:20 - 11:45	<u>Shinya Fujita, Gary MacGillivray and Tadashi Sakuma.</u> Safe set problem on graphs	<u>Jan Arne Telle and Sigve Hortemo Sæther.</u> Between treewidth and cliquewidth
11:45 - 12:10	<u>Paul Seymour.</u> Colouring graphs with no odd holes	
12:10 – 14:30 Lunch (Restaurant “La Passerelle”)		

## Notice: afternoon schedule is shifted by 30'

### Afternoon

	Amphi D	Amphi C
14:30 - 15:30	<b><u>Mariusz Woźniak.</u></b> Local irregularity	
15:30 – 15:50 Coffee break (room 12)		
15:50 – 16:15	Jarosław Grytczuk, Konstanty Junosza-Szaniawski, <u>Joanna Sokół</u> and Krzysztof Węsek. Fractional and j-fold colouring of the plane	Pierre Charbit, <u>Lucas Hosseini</u> and Patrice Ossona De Mendez. Random Free Limits of Tree-Semilattices
16:15 - 16:40	<u>Vincent Despré</u> and Francis Lazarus. Splitting cycles in triangulations	Guilherme D. Da Fonseca, Bernard Ries and <u>Diana Sasaki.</u> Perfect weight matchings versus maximum weight matchings: the ratio $\eta$ for some graph classes
16:40 - 17:05	Przemysław Wenus and <u>Krzysztof Węsek.</u> Avoiding repetitions on the plane	<u>Novi Herawati Bong</u> , Joe Ryan and Mirka Miller. Extremal Graphs of Girth 5
17:05 - 17:30	<u>Rouzbeh Tousekani.</u> Generation and Propagation in Graphs	<u>Irene Sciriha.</u> On the Structure of Extremal Singular Graphs

# BGW 2014

## Friday

### Morning

	Amphi D	Amphi C
9:00 - 10:00	<u><a href="#">Xuding Zhu.</a></u> Online list colouring of graphs	
10:00 - 10:30 Coffee break		
10:30 - 10:55	<u><a href="#">Julia Ehrenmüller and Juanjo Rué.</a></u> Spanning trees in random series-parallel graphs	<u><a href="#">Robert Scheidweiler and Eberhard Triesch.</a></u> The duality between matchings and vertex covers in balanced hypergraphs
10:55 - 11:20	<u><a href="#">Nicolas Lichiardopol.</a></u> Proof of a conjecture of Henning and Yeo on vertex-disjoint directed cycles	<u><a href="#">Martin Koutecky.</a></u> <u>Two Domination Problems</u> Parameterized by Neighborhood Diversity
11:20 - 11:45	<u><a href="#">Gabor Wiener.</a></u> Leaf-critic graphs	<u><a href="#">Barbora Candráková and Robert Lukořka.</a></u> Short cycle covers of cubic graphs
11:45 - 12:10	<u><a href="#">Julien Bensmail and Brett Stevens.</a></u> Decomposing graphs into locally irregular subgraphs: allowing $K_2$ 's helps a lot	<u><a href="#">Geřa Hahn</a></u> On a construction of Imrich
<b>12:10 - 14:00</b> <b>Lunch (restaurant "La Passerelle")</b>		

## Notice: afternoon schedule is shifted by 30'

### Afternoon

	Amphi D	Amphi C
14:30 - 15:30	<u>Gary MacGillivray</u> . The Firefighter Problem: A survey of directions, results, and problems	
15:30 - 15:50 Coffee break (room 12)		
15:50 - 16:15	<u>Barbora Candráková</u> , <u>Robert Lukořka</u> and Xuding Zhu. A note on non-repetitive colourings	Carlos Hoppen, Hanno Lefmann and <u>Knut Odermann</u> . Edge-colorings of graphs avoiding rainbow-triangles
16:15 - 16:40	<u>Přemysl Holub</u> , Zdeněk Ryjáček, Ingo Schiermeyer and Petr Vrána. Rainbow connection and forbidden induced subgraphs	<u>Hanno Lefmann</u> , Carlos Hoppen and Knut Odermann. Edge-colorings of graphs avoiding fixed graphs with given color pattern
16:40 - 17:05	Jan Brousek, Premysl Holub, <u>Zdenek Ryjacek</u> and Petr Vrana. Finite families of forbidden subgraphs for rainbow connection in graphs	<u>Laïche Daouya</u> , Bouchemakh Isma and Sopena Eric. Packing coloring of coronas of paths, coronas of cycles and caterpillars
17:05 - 17:30	<u>Jarek Grytczuk</u> , Karol Kosiński and Michał Zmarz. Nonrepetitive coloring of geometric graphs	<u>Sebastian Czerwiński</u> , Bartłomiej Bosek, Jarek Grytczuk and Paweł Rzażewski. Harmonious Coloring of Hypergraphs
<b>19:30</b> <b>Gala dinner (Café Opéra)</b>		

# BGW 2014

## Saturday

	Amphi LaBRI	Room 178
9:00 - 10:00	<u><a href="#">Oriol Serra</a></u> Discrete isoperimetric problems	
10:00 - 10:30 Coffee break (room 76)		
10:30 - 10:55	<u><a href="#">Cyriac Grigorious</a></u> , <u><a href="#">Mirka Miller</a></u> , <u><a href="#">Bharati Rajan</a></u> and <u><a href="#">Sudeep Stephen</a></u> . On the Partition Dimension of Circulant Graphs	<u><a href="#">Jose Gomez</a></u> and <u><a href="#">Mirka Miller</a></u> . Radial bipartite Moore graphs
10:55 - 11:20	<u><a href="#">Israel Rocha</a></u> , <u><a href="#">Vilmar Trevisan</a></u> and <u><a href="#">Steve Kirkland</a></u> . Algebraic connectivity of k-connected graphs	<u><a href="#">Dominik K. Vu</a></u> , <u><a href="#">Fabrício S. Benevides</a></u> , <u><a href="#">Dániel Gerbner</a></u> and <u><a href="#">Cory Palmer</a></u> . Searching for defective elements using queries of fixed size
11:20 - 11:45	<u><a href="#">Li-Da Tong</a></u> Automorphisms of Neighborhood Sequence of a Graph	<u><a href="#">Kristiana Wijaya</a></u> , <u><a href="#">Edy Tri Baskoro</a></u> , <u><a href="#">Hilda Assiyatun</a></u> and <u><a href="#">Djoko Suprijanto</a></u> . The Complete List of Ramsey (2K_2,K_4)-Minimal Graphs
11:45 - 12:10	<u><a href="#">Peter Zeman</a></u> and <u><a href="#">Pavel Klavík</a></u> . Automorphism Groups of Geometrically Represented Graphs	

*12:10 - end of workshop*

*thanks for coming and see you at*

*BGW 2016 !*