

Monday

8h-9h10	Registration
9h10-9h15	Opening word
Amphi LaBRI	<i>André Raspaud</i>
9h15-10h15	Jaroslav Nešetřil
10h15-10h45	Coffee break
Amphi F	<i>Gary McGillivray</i>
10h45-11h10	10 Julien Baste, Maximilian Fürst and Dieter Rautenbach
11h10-11h35	
11h35-12h00	12 Julien Baste , Maximilian Fürst, Michael Henning, Elena Mohr and Dieter Rautenbach
Amphi A	<i>Nicolas Bonichon</i>
10h45-11h10	43 Marthe Bonamy, Cyril Gavoille and Michal Pilipczuk
11h10-11h35	66 Marthe Bonamy, Paul Ouvrard , Mikaël Rabie, Jukka Suomela and Jara Uitto
11h35-12h00	60 Théo Pierron
Amphi G	<i>Geňa Hahn</i>
10h45-11h10	47 Jan Bok, Pavol Hell and Nikola Jedličková
11h10-11h35	44 Jan Hubička, Matěj Konečný and Jaroslav Nešetřil
11h35-12h00	40 Jan Hubička , Matěj Konečný and Jaroslav Nešetřil
12h00-14h30	Lunch (restaurant “La Passerelle”)
Amphi LaBRI	<i>Olivier Togni</i>
15h00-16h00	Maya Stein
16h00-16h30	Coffee break
Amphi F	<i>Julien Baste</i>
16h30-16h55	2 José Juan Carreño, José Antonio Martínez and María Luz Puertas
16h55-17h20	61 Alexandre Talon and Silvère Gangloff
17h20-17h45	73 Konrad Dabrowski, Tomáš Masařík, Jana Novotná , Daniël Paulusma and Paweł Rzażewski
Amphi A	<i>Thomas Bellitto</i>
16h30-16h55	22 Fabien Jacques , Mickael Montassier and Alexandre Pinlou
16h55-17h20	5 Florent Foucaud, Hervé Hocquard, Dimitri Lajou , Valia Mitsou and Théo Pierron
17h20-17h45	57 Jonathan Narboni and František Kardoš
Amphi G	<i>Robert Lukot'ka</i>
16h30-16h55	19 Samuel Mohr
16h55-17h20	18 Shunsuke Nakamura
17h20-17h45	28 Val Pinciu
18h30-22h00	Wine & Cheese

Linear programming based approximation for unweighted induced matchings --- breaking the Δ barrier

Bounding and approximating minimum maximal matchings in regular graphs

Smaller Induced-Universal Graph for Planar Graphs

Distributed recoloring on trees

A Brooks-like result for graph powers

Extending Partial Orderings of Adjusted Interval Digraphs

Extending partial automorphisms

Ramsey properties of graphs of girth $2 < g < 9$

The domination number of cylindrical graphs

Asymptotic growth rate of square grids dominating sets: a symbolic dynamics approach

Harnessing the power of atoms

The chromatic number and switching chromatic number of 2-edge-colored graphs of bounded degree

Parameterized complexity of edge-coloured and signed graph homomorphisms

On the Four Color Theorem for signed graphs

On the Circumference of 3-Connected Maximal 1-Planar Graphs

A new lower bound of the number of contractible edges on longest cycles in a 3-connected graph

On the Minimum Skewness of Certain Classes of Graphs

Tuesday

Amphi LaBRI 9h15-10h15	Kathie Cameron Kristina Vuškovič	
10h15-10h45	Coffee break	
Amphi F 10h45-11h10 11h10-11h35 11h35-12h00	Dieter Rautenbach 74 Ben Seamone 26 Guillaume Bagan, Alice Joffard and Hamamache Kheddouci 49 Alexandre Blanché , Paul Ouvrard, Haruka Mizuta and Akira Suzuki	Fractional eternal domination Eternal domination on digraphs and orientations of graphs Optimizing dominating sets under constrained transformation
Amphi A 10h45-11h10 11h10-11h35 11h35-12h00	Mária Maceková 13 Wouter Cames van Batenburg , Jan Goedgebeur and Gwenaël Joret 4 Carl Johan Casselgren , Jonas Granholm and Andre Raspaud 25 Carl Johan Casselgren, Jonas Granholm and André Raspaud	Large independent sets in triangle-free subcubic graphs; beyond planarity On star edge colorings of bipartite and subcubic graphs A note on (3,1)-choosability of planar graphs
Amphi G 10h45-11h10 11h10-11h35 11h35-12h00	Jakub Przybylo 72 Tomáš Masařík , Irene Muzi, Marcin Pilipczuk, Paweł Rzażewski and Manuel Sorge 51 Olivier Togni , Bostjan Bresar and Nicolas Gastineau 69 Stephan Dominique Andres, François Dross, Melissa Huggan, Fionn Mc Inerney and Richard J. Nowakowski	Packing Directed Circuits Quarter-Integrally Packing colorings of subcubic outerplanar graphs The Orthogonal Colouring Game
12h00-14h30	Lunch (restaurant “La Passerelle”)	
Amphi LaBRI 15h00-16h00	Arnaud Pêcher Martin Škoviera	
16h00-16h30	Coffee break	
Amphi F 16h30-16h55 16h55-17h20 17h20-17h45	Csilla Bujtás 23 Stéphane Bessy and Dieter Rautenbach 54 Laurent Beaudou, Richard Brewster, Florent Foucaud and Bohdana Mitchell 67 Victor Chepoi, Kolja Knauer and Manon Philibert	Bounds on Broadcast Independence Bounding the broadcast domination number by the multipacking number Two-dimensional partial cubes
Amphi A 16h30-16h55 16h55-17h20 17h20-17h45	Wouter Cames van Batenburg 53 Mária Maceková , Francois Dross, Borut Lužar and Roman Soták 3 Hoang La , Mickael Montassier, Alexandre Pinlou and Petru Valicov 32 Axel Brandt, Nathan Tenpas and Carl Yerqer	Medial graphs of bipartite plane graphs are 3-choosable r-hued coloring of planar graphs with girth at least 8 Planar Graphs with Girth 20 are Additively 3-Choosable
Amphi G 16h30-16h55 16h55-17h20 17h20-17h45	Tomáš Masařík 70 Ken-Ichi Kawarabayashi, Bojan Mohar, Roman Nedela and Peter Zeman 46 Jan Bok , Nikola Jedličková, Pavol Hell and Richard Brewster 7 Konstantinos Papalamprou	Automorphism groups of planar and nonplanar maps in linear time List homomorphisms of signed graphs Signed graphs with bicircular matroids

Wednesday

Amphi LaBRI 9h15-10h15	<i>Cyril Gavoille</i> Lukasz Kowalik	
10h15-10h45	Coffee break	
Amphi F 10h45-11h10 11h10-11h35 11h35-12h00	<i>Eric Sopena</i> 35 Kathie Cameron 34 Etienne Leclerc and Gary MacGillivray 20 Valentin Bartier and Nicolas Bousquet	Trees Containing All the Odd-Degree Vertices Switching (m,n)-edge-coloured mixed graphs Linear transformations between colorings in chordal graphs
Amphi A 10h45-11h10 11h10-11h35 11h35-12h00	<i>Olivier Baudon</i> 38 Jakub Przybyto 30 Mariusz Wozniak 21 Anni Hakanen , Ville Junnila, Tero Laihonon and Maria Luz Puertas	The 1-2-3 Conjecture and regular graphs Distinguishing vertices of a graph - palettes and automorphisms Resolving Sets of Vertices in Flower Snarks
Amphi G 10h45-11h10 11h10-11h35 11h35-12h00	<i>Jan Hubička</i> 33 Andres Aranda Lopez 1 Bruno Courcelle and Yves Metivier 42 Gena Hahn	IB- and MB- homogeneous graphs Graph Unfoldings, Graph Coverings, and Regular Trees Self contained graphs and twin graph conjectures
12h00-14h30	Lunch (restaurant “La Passerelle”)	
Amphi LaBRI 15h00-16h00	<i>Marthe Bonamy</i> Ross Kang	
16h00-16h30	Coffee break	
Amphi F 16h30-16h55 16h55-17h20 17h20-17h45	<i>Ben Seamone</i> 6 Marien Abreu, Jan Goedgebeur, Domenico Labbate and Giuseppe Mazzuoccolo 63 Robert Lukot'ka and Jakub Tětek 48 Jørgen Bang-Jensen, Thomas Bellitto and Anders Yeo	Colourings of cubic graphs inducing monochromatic subgraphs A 3-edge-coloring algorithm Connecting edge-colouring
Amphi A 16h30-16h55 16h55-17h20 17h20-17h45	<i>Ralf Klasing</i> 56 Jan Arne Telle , Svein Høgemo and Erlend Raa Vågset 39 Mitre Dourado, Lucia Draque Penso and Dieter Rautenbach 59 Stratis Limnios , Christophe Paul, Joanny Perret and Dimitrios Thilikos	Linear MIM-Width of Trees Hull number in the convexity of induced paths of order up to $k \geq 3$ Edge Degeneracy: Algorithmic and Structural Results
Amphi G 16h30-16h55 16h55-17h20 17h20-17h45	<i>Petru Valicov</i> 8 Nikola K. Blanchard and Siargey Kachanovich 68 Nikola K. Blanchard and Siargey Kachanovich 45 Francesc Comellas and Llorenç Sánchez	A note on the inflating enclosing ball problem Counting authorised paths in constrained control-flow graphs Graph Centralities and Cascading Failures in Networks
20h00	Conference Dinner (Cité Mondiale)	

Thursday

Amphi F *Maximilian Fürst*

9h25-9h50 24 **Arthur Ulmer** and Matthias Heinlein

9h50-10h15 58 Steven Chaplick, Fedor Fomin, Petr Golovach, Dušan Knop and Peter Zeman

Long k -paths have the edge-Erdős property
Kernelization of Graph Hamiltonicity: Proper H-Graphs

Amphi A *Domenico Labbate*

9h25-9h50 64 **Csilla Bujtás** and Zsolt Tuza

9h50-10h15 15 **Stefan Ehard**, Stefan Glock and Felix Joos

Partition-crossing hypergraphs
Hypergraph matchings and blow-up lemmas

10h15-10h45 **Coffee break**

Amphi F *Samuel Mohr*

10h45-11h10 36 **Shunichi Maezawa** and Haruhide Matsuda

11h10-11h35 29 **Keiko Kotani**

11h35-12h00 11 Julien Baste, Maximilian Fürst, Michael Henning, **Elena Mohr** and Dieter Rautenbach

Berge-Tutte type formula for an k -leaf-tree
The existence of a path-factor involving paths of order eleven.
Domination versus edge domination

Amphi A *Théo Pierron*

10h45-11h10 17 **Diego Gonzalez-Moreno**, Mucuy-Kak Guevara and Juan José Montellano-Ballesteros

11h10-11h35 52 Camino Balbuena, Cristina Dalfó and Berenice Martinez Barona

11h35-12h00 50 Camino Balbuena, Cristina Dalfó and **Berenice Martinez Barona**

Monochromatically-connecting colorings of strong digraphs
Characterizing identifying codes from the spectrum of a graph or digraph
On identifying codes in line digraphs