

## Monday

9.00: opening

9.15-10.15: *Sophie Spirkl*: 4-Coloring P6-free graphs

10.15-10.45: coffee/tea break

10.45-12.00: *Paul Seymour*: Testing for an odd hole

*Maya Stein*: 3-Coloring with forbidden paths and cycles

*Paweł Rzążewski*:  $C_k$ -coloring of F-free graphs

12.15: lunch

14.00-15.00: open problem session

15.00: coffee/tea break

18.00: dinner

## Tuesday

9.00-10.00: *Marcin Pilipczuk*: Tutorial on Potential Maximal Cliques and Maximum Independent Set

10.00-10.30: coffee/tea break

10.30-12.00: *Chinh T. Hoàng*: Coloring graphs with forbidden induced subgraphs

*Irena Penev*: Computing the chromatic number of a ring

*Nicolas Trotignon*: Layered wheel

12.15: lunch

14.30-15.30: open problem session

15.30: coffee/tea break

18.00: dinner

## Wednesday

9.00-10.00: Bart Jansen: Parameterized Complexity of Graph Coloring Problems

10.00: group photo (coffee/tea afterwards)

10.30-12.00:

*Christoph Brause*: On an augmenting graph approach for the maximum-weight independent set problem

*Ingo Schiermeyer*: Polynomial chi-binding functions and forbidden induced subgraphs - a survey

*Stéphan Thomassé*: Dichotomy theorem for approximating maximum independent set in graph classes

12.15: lunch

13.15: hike

15.30: coffee/tea break

18.00: dinner

## Thursday

9.00-10.00: *Konrad Dabrowski*: Introduction to Clique-width and Open Problems

10.00-10.30: coffee/tea break

10.30-12.00:

*O-joong Kwon*: Classes of graphs with no long cycle as a vertex-minor are polynomially  $\chi$ -bounded

*Sang-il Oum*: The Erdos-Hajnal property for graphs with no fixed cycle as a pivot-minor

*Zsolt Tuza*: Vertex colorings of interval hypergraphs

12.15: lunch

14.30-15.30:

*Anita Liebenau*: The size Ramsey number of graphs with bounded treewidth

*Tomáš Masařík*: Flexibility of Planar Graphs

15.30: coffee/tea break

18.00: dinner

## Friday

9.00-10.30: *Marthe Bonamy*: Revisiting a theorem by Folkman on graph colouring

*Shenwei Huang*: An exposition of Shitov's counterexample to Hedetniemi's conjecture.

*Daniel Lokshantov*: The Odd Case of Graph Coloring Parameterized by Cliquewidth

10.30-11.00: coffee/tea break

11.00-11.30: progress report on open problems

12:15: lunch