Monday October 15 2018

08:50-09:00 Opening

09:00-10:00 **Daniel Lokshtanov**: *Exact enumeration algorithms via monotone local search*

10:00-10:30 Coffee break

10:30-11:00 **Serge Gaspers**: *Enumeration of Preferred Extensions in Almost Oriented Digraphs*

11:00-12:00 **Michał Pilipczuk**: *Below all subsets for Minimal Connected Dominating Set*

12:00 Lunch

15:30 Cake

16:00-18:00 Open problems session

18:00 Dinner
Algorithmic Enumeration:
Output-sensitive, Input-Sensitive, Parameterized, Approximative

Tuesday October 16 2018

09:00-10:00 Yann Strozecki: A panorama of enumeration complexity

10:00-10:30 Coffee break

10:30-11:00 Martin Schirneck: Efficiently Enumerating Hitting Sets of Hypergraphs Arising in Data Profiling

11:00-11:30 Henning Fernau: Complexity of extension problems

11:30-12:00 Günter Rote: The Maximum Number of Minimal Dominating Sets in a Tree

12:00 Lunch

15:30 Cake

16:30-17:00 Takeaki Uno: How can we use the solutions of enumeration in practice?

17:00-17:30 Oscar Defrain: Ideal-preferred enumeration of minimal dominating sets

18:00 Dinner
Algorithmic Enumeration:
Output-sensitive, Input-Sensitive, Parameterized, Approximative

Wednesday October 17 2018

09:00-10:00 **Heribert Vollmer**: A complexity theory for hard enumeration problems

10:00-10:30 Coffee break

10:30-11:00 **João Silva**: On Solving Enumeration Problems with SAT Oracles

11:00-11:30 **Anne-Sophie Himmel**: Listing All Maximal k-Plexes in Temporal Graphs

12:00 Lunch

13:30 Excursion/Hike

15:30 Cake

18:00 Dinner
Algorithmic Enumeration:
Output-sensitive, Input-Sensitive, Parameterized, Approximative

Thursday October 18 2018

09:00-10:00 Khaled M. Elbassioni: Enumerating Vertices of Covering Polyhedra with Totally Unimodular Constraint Matrices

10:00-10:30 Coffee break

10:30-11:00 Andreas Björklund: Modular counting of directed Hamiltonian cycles by enumerating solutions to quadratic equations

11:00-11:30 Andrea Marino: Node similarity in heterogeneous networks

12:00 Lunch

15:30 Cake

16:30-18:00 Open/Closed problems session. Intermediate reports.

18:00 Dinner
Algorithmic Enumeration: 
Output-sensitive, Input-Sensitive, Parameterized, Approximative

Friday October 19 2018

09:00-09:30 Petteri Kaski: Constructive and nonconstructive enumeration of designs

09:30-10:00 Jean-Florent Raymond: Enumerating minimal dominating sets in triangle-free graphs

10:00-10:30 Coffee break

10:30-12:00 Open/Closed problems session. Concluding discussion.

12:00 Lunch