

*Algorithmic Enumeration:
Output-sensitive, Input-Sensitive, Parameterized, Approximative*

Monday October 15 2018

08:50-09:00 Opening

09:00-10:00 **Daniel Lokshantov:** *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

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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

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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 **Joao 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

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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

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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