Schedule
Dagstuhl Seminar 25041: Solving Problems on Graphs: From Structure to Algorithms

Monday, 20/01/25	
9.00-09:10	Opening remarks
9.10-10.00	Tuukka Korhonen: Induced minors of graphs
10.00-10.30	Coffee/tea break
10.30-11.20	Édouard Bonnet: Twin-Width: Algorithmic Applications and Open Questions
11.20-11.50	Meike Hatzel: Graphs of bounded sphere dimension
11.50-12.15	Open problem session
12.15-13.00	Lunch
14.00-14.50	Stefan Kratsch: Graph structure and parameterized algorithms
14.50-15.30	Open problem session
15.30-16:00	Coffee/tea break
18.00	Dinner

Tuesday, 21/01/25	
9:00-09:50	Maria Chudnovsky: Induced subgraphs and tree decompositions
10:00-10:30	Coffee/tea break
10:30-11:20	Nicolas Trotignon: A survey of layered wheels
11:30-12:00	Daniel Lokshtanov: Bandwidth is FPT-approximable
12.15-13:00	Lunch
14.00-14.30	Barnaby Martin: Restricted CSPs and H-free Digraph Algorithmics
14.30-15.00	Michal Pilipczuk: Erdős-Pósa property of tripods in directed graphs
15:00-15.30	Open problem session
15.30-16:00	Coffee/tea break
18.00	Dinner

Wednesday, 22/01/25

09:00-09:30	Julien Codsi: Tree independence number of graphs with no induced $S_{\{t,t,t\}}$, $K_{\{t,t\}}$ and line graph of subdivided walls
09:30-10:00	Fahad Panolan: Partial Grundy Coloring is FPT
10:00-10:10	Photograph
10:10-10:40	Coffee/Tea Break
10:40-	Open problem session/reporting progress
12:15	Lunch
13:30	Hike/Run
15:30-16:00	Coffee/tea break
18:00	Dinner

Thursday, 23/01/25

09:00-09:30	Jorik Jooken: Minimal obstructions to C_5-coloring in hereditary graph classes
09:30-10:00	Michal Wlodarczyk: Weighted Graph Problems and Protrusions
10:00-10:30	Coffee/Tea Break
10:30	Open Problems/Progress Reporting
12:15	Lunch
15:30-16:00	Coffee/tea break
18:00	Dinner

Friday, 24/01/25

09:00-09:30	Roohani Sharma: Maximum Partial List H-Coloring on P_5-free graphs in polynomial time
09:30-10:00	Jelle Oostveen: The Complexity of Diameter on H-free graphs
10:00-10:30	Coffee/Tea Break
10:30	Reporting progress, concluding remarks
12:15	Lunch