Monday, May 03, 2021

16:00-16:45   Introduction

16:45-17:45   Mikkel Abrahamsen
Geometric Multicuts and Partitions

17:45-18:00   Coffee Break (wonder.me)

18:00–20:00   Lunch / Dinner

20:00–20:30   Joe Mitchell
Approximating Maximum Independent Set in the Plane

20:30–21:15   Eric Colin de Verdiere
Multicuts in planar and surface-embedded graphs

21:15–22:00   ~~Till Miltzow~~
~~ER-complete - so what?~~

Tuesday, May 04, 2021

16:00-17:00   Evanthia Papadopoulou
Problems in Voronoi and Voronoi-like diagrams

17:00–17:05   Group Photo

17:05–18:00   Open Problem Session

18:00–20:00   Lunch / Dinner

20:00–20:30   Sergio Cabello
Computing the inverse geodesic length
in graphs of bounded treewidth

20:30–21:00   Sasho Nikolov
Efficient Near-Neighbor Search via Average
Distortion Embeddings

21:00–21:30   Ioannis Emiris
Practical algorithms for random sampling
H- and V-polytopes in general dimension

21:30–22:00   Carola Wenk
Comparing Embedded and Immersed Graphs

Wednesday, May 05, 2021

16:00-17:00 Hsien-Chih Chang
Tightening Curves on Surfaces

17:00–17:30 Arnaud de Mesmay
*Contractibility on 3-manifold boundaries
and compressed problems on surfaces*

17:30–18:00 Pankaj Agarwal
On the Union of Cubes in 3D

18:00–20:00 Lunch / Dinner

20:00–21:00 Uli Wagner
Embeddability of Simplicial Complexes

21:00–21:30 Don Sheehy
Sketching Persistence Diagrams

21:30–22:00 Mickael Buchet
Around k-fold filtrations

Thursday, May 06, 2021

16:00-16:30   Christiane Schmidt
Guarding Problems

16:30-17:00   Maria Saumell
Terrain prickliness: theoretical grounds
for low complexity viewsheds

17:00–17:30   Karl Bringmann
Fine-grained Complexity of Nearest Neighbors
for Fréchet Distance

17:30–18:00   Csaba Toth
Light Euclidean Steiner Spanners

18:00–20:00   Lunch / Dinner

20:00–20:30   Natan Rubin
Stronger bounds for weak epsilon-nets
in higher dimensions

20:30–21:00   Mathias Korman
Consistent Digital Line Segments

21:00–21:30   Jacobus Conradi
Fine-grained complexity of the k-shortcut
Fréchet distance

21:30–22:00   Martin Tancer
Optimal bounds for the colorful fractional
Helly theorem

22:00–22:10   Closing