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