

Dagstuhl Seminar 19192 "Visual Analytics for Sets over Time and Space"

May 5–10, 2019

Monday, May 6

- 9:00 intro Alexander Wolff General welcome + Dagstuhl rules
9:15 intro everybody one-slide one-minute self introduction
9:45 coffee break
- section "sets in time"**
- 10:15 survey Peter Rodgers "Techniques for Visualizing Sets over Time"
10:55 discussion
11:15 short talk Philipp Kindermann "Simultaneous Orthogonal Graph Drawing"
short talk Wouter Meuleman "Spatially and Temporally Coherent Visual Summaries"
short talk Tamara Mchedlidze "A Data-Driven Approach to Quality Metrics of Graph Visualizations"
short talk Margit Pohl "Perception of Space and Time in Cognitive Psychology – Implications for the Design of Visualizations"
- 12:00 discussion
12:15 lunch
- section "sets in space"**
- 13:30 survey Sara Fabrikant "Space – A Cartographer's View"
14:10 discussion
14:30 short talk Natalia Andrienko "Evolving Sets in Space"
short talk Somayeh Dodge "Dynamic Visualization of Interaction in Movement of Sets"
short talk Jan-Henrik Haurert "Fast Retrieval of Abstracted Representations for Sets of Points within User-Specified Temporal Ranges"
- 15:15 discussion
15:30 coffee break
- section "graph drawing and set visualization"**
- 16:00 survey André Schulz "A Survey on Graph and Hypergraph Drawing"
16:40 discussion
17:00 short talk Michaelis Bekos "Beyond Planarity" (20')
short talk Sabine Cornelsen "Support for Hypergraphs" (10')
short talk Martin Noellenburg "Short Plane Supports for Spatial Hypergraphs" (15')
17:45 discussion
18:00 dinner

Tuesday, May 7

- 9:00 panel Andre Skupin "VASet over Time and Space: What are the burning scientific questions?
Stefan Kobourov An interdisciplinary perspective"
Susanne Bleisch
- 9:20 discussion
10:00 coffee break
10:30 open problem session
12:15 lunch
13:30 distribution into working groups
13:40 group photo
13:50 short hike to the lake
16:00 coffee break
16:30 work in working groups
18:00 dinner

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Wednesday, May 8

9:00 open mic Eva Mayr
 Somayeh Dodge
 André Skupin

9:15 work in groups
10:30 coffee break
11:00 work in groups
12:15 lunch
13:30 work in groups
15:30 coffee break
16:00 preparation of progress reports
17:00 progress reports
18:00 dinner

Thursday, May 9

9:00 open mic Susanne Bleisch
 Peter Rodgers
 Wouter Meuleman

9:15 work in groups
10:30 coffee break
11:00 work in groups
12:15 lunch
13:30 work in groups
15:30 coffee break
16:00 work in groups
17:30 discussion: next setvis workshop?
18:00 dinner

Friday, May 10

9:00 progress reports
10:30 coffee break
11:00 work in groups
12:15 lunch
13:00 the end