

Monday, August 21, 2023

9:00 am Introduction Round

10:30 am Coffee Break

11:00 am Peter Dueben
Earth System Modeling

12:15 pm Lunch

2:30 pm Bei Wang
Tracking Ensembles of Atmospheric Rivers

3:30 pm Coffee Break

4:15 pm Nikki Vercauteren
Data-driven stochastic modelling of unresolved scales for weather and climate models

6:00 pm Dinner

7:30 pm Art Exhibit

8:00 pm Wine & Cheese

Tuesday, August 22, 2023

- 9:00 am Christian Sohler
Coresets for Data Reduction
- 10:00 am Coffee Break
- 10:30 am Breakout Groups
- 12:15 pm Lunch
- 3:00 pm Sandor Fekete
*Between Drought and Heavy Rain:
Digital Methods for Extreme Water Events*
- 3:30 pm Coffee Break
- 4:00 pm Pankaj Agarwal
Flood Risk Analysis on Terrains
- 4:30 pm Thomas Mølhave
*SCALGO Live: A platform for surface water planning
based on basic and applied research in algorithms
and data structures*
- 5:00 pm Status Update on Breakout Groups
- 6:00 pm Dinner
- 8:00 pm Wine & Cheese

Wednesday, August 23, 2023

- 9:00 am Vera Schemann
Challenges in analyzing and evaluating next-generation (km-scale) global climate simulations
- 9:30 am Peer Nowack
Machine learning in climate science – new opportunities for computational geometry to shine?
- 10:00 am Coffee Break
- 10:30 am Breakout Groups
- 12:15 pm Lunch
- 1:30 pm Excursion (Hike)
- 6:00 pm Dinner
- 8:00 pm Wine & Cheese

Thursday, August 24, 2023

- 9:00 am Mikkell Abrahamson
Partitioning a Polygon Into Small Pieces
- 9:30 am Stefan Kollet
Integrated Modeling of Terrestrial Systems
- 10:00 am Coffee Break
- 10:30 am Maike Buchin
Algorithms for Movement Analysis
- 11:00 am Franziska Glassmeier
A network approach to cloud organization
- 12:15 pm Lunch
- 2:00 pm Status Update on Breakout Groups
- 3:30 pm Coffee Break
- 4:00 pm Breakout Groups
- 6:00 pm Dinner
- 8:00 pm Wine & Cheese

Friday, August 25, 2023

9:00 am Checkout

9:30 am Breakout Groups

10:00 am Coffee Break

10:30 am Round of Conclusions

12:15 pm Lunch and Departure