

Monday:

09:00 – 09:15 Introduction
09:15 – 10:00 Yasu Hiraoka : Curse of dimensionality in persistence diagrams
10:00 – 10:30 Coffee
10:30 – 11:15 Manish Saggari : TDA and Neuroscience
11:15 – 12:00 Andreas Ott : Topological data analysis and coronavirus evolution

12:15 – 1:15 pm Lunch

1:30 – 2:15 Kelin Xia : Mathematical AI for molecular data analysis
2:15 – 3:00 Gunther Weber : Overview talk
3:00 – 4:00 Cake
4:00 – 5:00 Discussion and Open Problems

Tuesday:

09:00 – 09:15 Logistics
09:15 – 10:00 Facundo Memoli : Overview talk
10:00 – 10:30 Coffee
10:30 – 10:55 Yusu Wang : TGDA for graph learning?
11:00 – 11:25 Teresa Heiss : Persistent homology of a periodic filtration
11:30 – 11:55 Primoz Skraba : Persistence diagrams and Mobius inversion

12:15 – 02:00 Lunch

02:00 – 02:30 Discussion on breakout topics
02:30 – 04:30 Breakout sessions with a break for cake
04:30 – 05:00 Summary of breakout sessions

Wednesday:

09:00 – 09:25 Michael Kerber
09:25 – 09:50 Lori Ziegelmeier
09:50 – 10:15 Dominik Schindler
10:15 – 10:45 Coffee
10:45 – 11:10 Ximena Fernandez
11:10 – 11:35 Michael Lesnick
11:35 – 12:00 Talha Bin Masood

12:15 – 01:30 Lunch

01:30 – xx:xx Excursion

Thursday:

09:00 - 09:25 Dmitriy Morozov
09:25 - 09:50 Erin Moriarty Wolf Chambers
09:50 - 10:15 Hans Hagen
10:15 - 11:00 Coffee
11:00 - 11:25 Claudia Landi
11:25 - 11:50 Ingrid Hotz

12:15 - 02:00 Lunch

02:00 - 04:30 Break out sessions + cake

04:30 - 05:00 Summary of breakout session - I

Friday:

09:00 - 09:25 Nico Stucki
09:25 - 09:50 Joshua A Levine

10:00 - 10:30 Coffee

10:30 - 12:00 Summary of breakout session - II, feedback, wrap-up