

Tentative schedule

Monday (28.03.22)

07:15 to 08:45: Breakfast

09:00 to 9:15: Welcome

09:15 to 9:45: Overview of schedule and round table

9:45 to 10:15: Pascal Schweitzer, *Universal graph neural networks via random data augmentations using graph isomorphism tools*

10:15 to 10:45: Bastian Rieck, *Topology-Based Graph Learning*

10:45 to 11:45: Haggai Maron, *Equivariant Subgraph Aggregation Networks*

12:00 to 14:00: Lunch Break

14:00 to 14:50: Gitta Kutyniok, *Stability and Generalization Capabilities of Graph Neural Networks*

14:50 to 15:40: Bryan Perozzi (**Online**), *Challenges of Applying Graph Neural Networks*

15:20 to 16:00: Coffee break

16:00 to 16:30: Joan Bruna (**Online**), *TBA*

16:30 to 17:20: Yizhou Sun (**Online**), *Combining Representation Learning and Logical Rule Reasoning for Knowledge Graph Inference*

18:00: Dinner

Tuesday (29.03.22)

07:15 to 08:45: Breakfast

09:00 to 09:20: Floris Geerts, *A graph embedding language approach to bound the distinguishing power of GNNs*

09:20 to 09:50: Francesco Di Giovanni, *Graph neural networks and graph representation learning through the lens of curvature*

09:50 to 10:20: Coffee break

10:20 to 10:50: Pablo Barcelo, *Graph Neural Networks with Local Graph Parameters*

10:50 to 11:40: Bruno Ribeiro, *Causal Graph Representation Learning*

12:00 to 14:00: Lunch Break

14:00 to 14:30: Mathias Niepert, *TBA*

14:30 to 15:20: Marinka Zitnik (**Online**), *Graph-Guided Networks for Complex Time Series*

15:20 to 16:20: Coffee break

16:20 to 16:40: Yaron Lipman (**Possibly online**), *Frame Averaging for Invariant and Equivariant Network Design*

16:40 to 17:30: Petar Veličković (**Online**), *Graph Neural Networks are Dynamic Programmers*

18:00: Dinner

Wednesday (30.03.22)

07:15 to 08:45: Breakfast

09:00 to 09:20: Aleksandar Bojchevski, *Probing Graph Representations*

09:20 to 09:50: Fabrizio Frasca, *Graph representation learning on Simplicial and Cellular Complexes*

09:50 to 10:20: Coffee break

10:20 to 10:50: Jan Toenshoff, *Graph Learning with 1D Convolutions on Random Walks*

10:50 to 11:20: Nils Kriege, *Weisfeiler and Leman Go Walking: Random Walk Kernels Revisited*

12:00 to 14:00: Lunch Break

14:00 to 17:00: Possible hiking trip or group discussions