

Date	Topic	Presenter	Week
11.09.2024	Introduction to the class	Dr. Dorina Thanou	Week 1
18.09.2024	Introduction into graph theory and graph ML	Dr. Dorina Thanou	Week 2
25.09.2024	Graph theory and SP driven features	Students presentation	Week 3
02.10.2024	Graph neural networks	Students presentation	Week 4
09.10.2024	Graph transformers	Students presentation	Week 5
16.10.2024	Learning on complex graphs: Higher order graph structures/ Hypergraph GNNs	Students presentation	Week 6
30.10.2024	Learning on complex graphs: Subgraph GNNs	Students presentation	Week 7
06.11.2024	Dynamic graphs	Students presentation	Week 8
13.11.2024	Heterogeneous graphs/Knowledge graphs	Students presentation	Week 9
20.11.2024	Learning in low data regime: Self-supervised learning	Students presentation	Week 10
27.11.2024	Graph generative models	Students presentation	Week 11
04.12.2024	Invited lecture	Prof. Marianna Rapsomaniki	Week 12
11.12.2024	Multimodal learning on graphs	Students presentation	Week 13
18.12.2024	Foundation models on graphs	Students presentation	Week 14