



Seminar/Talk

TCS Seminar - An Introduction to Temporal Graph Neural Networks

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Host:

This talk introduces Temporal Graph Neural Networks (TGNNs) as models for learning from systems that combine relational structure and temporal dynamics. Starting from basic neural network concepts, we build up to graph neural networks, message passing, and temporal graph settings, distinguishing between static graphs with time-varying features and fully evolving graph structures. Through examples in synthetic forecasting, traffic prediction, and brain activity modeling, the tutorial illustrates when graph information can improve temporal learning and how TGNNs capture spatio-temporal dependencies in real-world networks.

Thursday, June 25, 2026 11:30am - 12:30pm

Office Bldg West / Ground floor / Heinzl Seminar Room (I21.EG.101)



This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station.

Please find a schedule of the ISTA Shuttle on our webpage:

<https://ista.ac.at/en/campus/how-to-get-here/> The ISTA Shuttle bus is marked ISTA Shuttle (#142) and has the Institute Logo printed on the side.