

GAMM2025

Tuesday 8 April 2025

MS04: Data Driven Dynamics: MS04.01 - Room 3 (14:00 - 16:00)

-Conveners: Alexander Henkes; Ulrich Römer

time	[id] title	presenter
14:00	[714] On Neural network-enhanced integrators for dynamical systems	OTHMANE, Amine
14:20	[715] Error bounds for Koopman-based predictors and their application in control	PHILIPP, Friedrich M.
14:40	[716] An experimental comparison of data-driven virtual sensing methods for predictive maintenance	HEINDEL, Leonhard
15:00	[717] Ocean Wave Dynamics: Data and Evolution Equations	HOFFMANN, Norbert
15:20	[718] Data Driven Dynamics using Recurrent Neural Networks - Stabilization, Prediction & Uncertainty Quantification	HETZLER, Hartmut