GAMM2025

Tuesday 8 April 2025

<u>PP01: Daring More Intelligence – Design Assistants in Mechanics and Dynamics: PP01.01</u> - Magna (14:00 - 16:00)

   -Conveners: Kristin de Payrebrune; Mario Rosenfelder

time	[id] title	presenter
14:00	[719] Design Optimization of Soft Robots Based on Workspace Constraints	SCHINDLER, Leon
14:20	[720] Koopman Based Trajectory Optimization with Periodic Boundaries for Co-Design	RAFF, Maximilian
14:40	[721] Surrogate-based Robust Tracking Controller for a Lambda Robot	HAJIPOUR TALKOUEI, Sanam
15:00	[722] A constraint-satisfying neural network architecture for the generation of Grashof fulfilling four-bar linkages	RÖDER, Benedict
15:20	[723] Model Predictive Path-Following Control of a Quadrotor	LEPRICH, David
15:40	[724] Optimization-based design assistance for planning of stereotactic surgeries with curved cannulae	FLASSKAMP, Kathrin