

Session Program

Apr 27 - 30, 2026



NextGen Synergy: Control Theory and Machine Learning

Poster Session B

Faculty of Economics and Management, Czech University of Life Sciences
Kamýcká 129, 165 00 Prague

Wed, April 29

5:40 PM

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Poster Session | Location: Atrium, PEF

Cone-Constrained Neural Networks for Structured Learning and Control

Imitation learning framework based on Fully Probabilistic Design

Sampling series as a unified approximation framework for control and machine Learning

Model Predictive Control and Machine Learning-Based Grid-Forming Inverters: The Combination of Control and Learning for Low-Inertia Power Systems

Learning-Phase Stability in Actor-Critic Reinforcement Learning: Analysis and Stabilisation

Stress Detection in the Workplace Using Digital Twin Technology and Multimodal Physiological Sensing

Data-Driven Identification of Port-Hamiltonian DAE Systems by Gaussian Processes

Decision-Focused Learning Meets Distributionally Robust Optimization: A Unified Framework for Sugar Beet Yield Maximization Under Epistemic Uncertainty

Multi-Teacher GNN Knowledge Transfer for Kolmogorov-Arnold Networks

Structural Constraints on Expressivity in Continuous-Depth Neural Networks

Transcription of Czech administrative records written in Kurrent script into Latin script using machine learning, OCR, and AI

Sparse Training of Neural Networks based on Multilevel Mirror Descent

N-to-1 Knowledge Transfer in Reinforcement Learning via Adaptive Q-function Selection

6:40 PM