

## **Session Program**

**Apr 27 - 30, 2026**



# **NextGen Synergy: Control Theory and Machine Learning**

## ***SESSION III***

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

# Mon, April 27

2:20 PM

## SESSION III

Session

2:20 - 2:40 PM

**Deep Riemannian Control: Formally Verified Neural Observers and Controllers via Contraction Theory**

2:40 - 3:00 PM

**Linear quadratic control of nonlinear systems with Koopman operator learning and the Nyström method**

3:00 - 3:20 PM

**Deep unfolding primal/dual architectures: application to linear model predictive control**

3:20 PM