Kolloquium Technische Kybernetik

Summer Semester 2024

IST-Seminar Room 2.255 - Pfaffenwaldring 9 - Campus Stuttgart-Vaihingen
The talks will take place at 4 p.m., unless noted differently

23.04.2024	**An Introduction to Performative Prediction** Dr. Celestine Mendler-Dünner *Max Planck Institute for Intelligent Systems &Tübingen AI Center, Germany*
30.04.2024	**Hierarchical Optimization and Equilibrium Problems in Uncertain and Dynamic Environments** Prof. Mathias Staudigl *University of Mannheim, Germany*
07.05.2024	**The Two-Stage Method: A Computationally Efficient and Private Approach to Statistical Learning** Prof. Cristian Rojas *KTH Royal Institute of Technology, Sweden*
17.05.2024 11:00 a.m.	**Online Convex Optimization for Robust Disturbance Rejection** Prof. Peter Seiler *University of Michigan, USA*
17.05.2024 2:00 p.m.	**Population Games, Evolutionary Dynamics, and Applications to Transportation** Prof. Murat Arcak *University of California, Berkeley, USA*
28.05.2024	**Leveraging NLP Parametric Sensitivities for Learning-Based MPC and Distributed MPC Paradigms** Prof. Dinesh Krishnamoorthy *Eindhoven University of Technology, Netherlands*
11.06.2024	**Boosting the Performance of Closed-Loop Systems for Optimal Control and Optimization Algorithm Design** Dr. Luca Furieri *Swiss Federal Institute of Technology in Lausanne, Switzerland*
24.06.2024	**Sink or Swim: Control of Floating Offshore Wind Turbines** Prof. Lucy Pao *University of Colorado Boulder, USA*
25.06.2024	**On the Intersection between Neural Network Systems and Control Systems** Dr. Konstantinos Gatsis *University of Southampton, England*
02.07.2024	**A Bayesian Take on Best-Arm Identification** Dr. Claire Vernade *University of Tübingen, Germany*
09.07.2024	**Detecting the Undetectable: Using Watermarks to Reveal Stealthy Cyber-Attacks to Control Systems** Prof. Riccardo Ferrari *Delft University of Technology, Netherlands*

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