



Kolloquium Technische Kybernetik Summer Semester 2023

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

- 02.05.2023 **Robust Learning for Dynamics and Control**
Prof. Ian Manchester
The University of Sydney
Sydney, Australia
- 12.05.2023 **Networks in Control with Smart City Applications**
Dr. Mathias Hudoba de Bady
ETH Zürich
Zürich, Switzerland
- 16.05.2023 **Reinforcement Learning for MPC: Where are we?**
Prof. Sebastien Gros
Norwegian University of Technology
Trondheim, Norway
- 25.05.2023 **A Systems-theoretic Viewpoint on Real-time Optimization and Feedback Games**
Prof. Dominic Liao-McPherson
University of British Columbia
Vancouver, Canada
- 06.06.2023 **Behavioral Approach to Data-driven Analysis, Signal Processing, and Control**
Prof. Ivan Markovsky
International Centre for Numerical Methods in Engineering
Barcelona, Spain
- 20.06.2023 **(Reinforcement) Learning under Requirements**
Dr. Luiz Chamon
University of Stuttgart
Stuttgart, Germany
- 27.06.2023 **Dynamic Programming for Deterministic Discrete-time Systems: Robust Stability and Near-optimality Guarantees**
Dr. Romain Postoyan
University of Lorraine
Nancy, France
- 04.07.2023 **Data-driven Analysis of Systems under Aperiodic Sampling**
Stefan Wildhagen
University of Stuttgart
Stuttgart, Germany

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