

Kolloquium Technische Kybernetik Wintersemester 2019/2020

**Dienstags 16 Uhr • IST-Seminarraum 2.255 • Pfaffenwaldring 9
Universität Stuttgart • Campus Stuttgart-Vaihingen**

- 19.11.2019 **Learning Nash Equilibria in Multi-Agent Games**
Prof. Maryam Kamgarpour
*Automatic Control Laboratory
Swiss Federal Institute of Technology (ETH)
Zurich, Switzerland*
- 06.12.2019 **Friday 2 p.m.**
A Moving Switching Sequence Approach for Nonlinear Model Predictive Control of Switched Systems
Prof. Toshiyuki Ohtsuka
*Department of Systems Science
Kyoto University
Kyoto, Japan*
- 18.12.2019 **Wednesday 4 p.m.**
Networked Control with Deterministic Guarantees: Tailored Approaches Based on Implementable Communication Models
Steffen Linsenmayer, M.Sc.
*Institute for Systems Theory and Automatic Control
University of Stuttgart
Stuttgart, Germany*
- 07.01.2020 **Automatic Computation of Exact Worst-Case Performance for First-Order Optimization Methods**
Prof. Julien Hendrickx
*Institute of Information and Communication Technologies, Electronics and Applied Mathematics
Université Catholique de Louvain
Louvain-la-Neuve, Belgium*
- 14.01.2020 **Nonlinear Tracking and Rejection using Linear Parameter-Varying Control: Pitfalls and Solutions**
Prof. Roland Toth
*Department of Electrical Engineering
Eindhoven University of Technology
Eindhoven, The Netherlands*
- 21.01.2020 **Data-Driven Model Learning in Dynamic Networks**
Prof. Paul Van den Hof
*Department of Electrical Engineering
Eindhoven University of Technology
Eindhoven, The Netherlands*
- 28.01.2020 **Formulas for Data-Driven Control: Stability, Optimality and Robustness**
Prof. Claudio De Persis
*Jan C. Willems Center for Systems and Control
University of Groningen
Groningen, The Netherlands*
- 04.02.2020 **Minkowski, Lyapunov, and Bellman: Inequalities and Equations for Stability and Optimal Control**
Prof. Sasa V. Rakovic
*School of Automation
Beijing Institute of Technology
Beijing, China*

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