



University of Stuttgart
Campus Vaihingen
Pfaffenwaldring 7 - Room V 7.01

- 08:30 **Welcome**
- 08:45 **Are robots our friends?**
Prof. Maarten Steinbuch
Eindhoven University of Technology
- 09:35 **Output-Feedback Stochastic MPC? - A Data-Driven Journey from Willems to Wiener and Back Again**
Prof. Timm Faulwasser, TU Dortmund
- 10:25 **Coffee Break – Small snacks are provided**
- 10:50 **Passivity, Monotonicity, and Network Optimization: New Perspectives for Network Systems Analysis**
Prof. Daniel Zelazo, Technion, Haifa
- 11:40 **Addressing complexity in contemporary control applications via data-driven and distributed optimization**
Prof. Maria Prandini, Politecnico di Milano
- 12:30 **Lunch and poster session**
University Canteen / V9.0.144 (next to V7.01)
- 14:00 **From Data to Control**
Prof. Mario Sznaiar
Northeastern University, Boston
- 14:50 **Control-oriented modeling for gas processing facilities**
Prof. Robert Bitmead
University of California, San Diego
- 15:40 **Coffee Break – Small snacks are provided**
- 16:10 **Parameter estimation in non-linear stochastic dynamical models**
Prof. Håkan Hjalmarsson, KTH Stockholm
- 17:00 **Stochasticity in feedback loops; Great expectations and hard times**
Prof. Roy Smith, ETH Zurich
- 17:50 **Concluding remarks**

Current Trends in Systems and Control Theory

June 7, 2022
8:30 a.m. – 6:00 p.m.

A celebratory colloquium
on the occasion of
Frank Allgöwer's
60th birthday

