



Kolloquium Technische Kybernetik Summer Semester 2025

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

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|----------------------|---|
| 07.05.2025 | Targeted Exploration Meets Robust Control: A Tractable Dual Control Approach for Linear Systems
Janani Venkatasubramanian, M.Sc.
<i>University of Stuttgart, Germany</i> |
| 14.05.2025
1 p.m. | On Planning and Control of Intelligent Vehicles
Prof. Bo Wahlberg
<i>KTH Royal Institute of Technology, Sweden</i> |
| 20.05.2025 | A Contraction Theoretic Approach for Analysis and Control of Non-Oscillatory Systems
Prof. David Angeli
<i>Imperial College London, UK</i> |
| 27.05.2025 | Flexible Optimization for Cyber-Physical and Human Systems
Prof. Andrea Simonetto
<i>ENSTA Paris</i>
<i>Polytechnic Institute of Paris, France</i> |
| 16.06.2025 | Using Transient Controllers to Satisfy High Level (Multi)-Robot Tasks
Prof. Dimos V. Dimarogonas
<i>KTH Royal Institute of Technology, Sweden</i> |
| 17.06.2025 | Teaching Tools and Methods for Encouraging Student Engagement without Overloading Staff
Prof. Anthony Rossiter
<i>University of Sheffield, UK</i> |
| 18.06.2025 | Stability of Optimal and Near-Optimal Control Laws
Prof. Dragan Nesic
<i>The University of Melbourne, Australia</i> |
| 01.07.2025 | Robust Model Predictive Control under Dynamic Uncertainties
Lukas Schwenkel, M.Sc.
<i>University of Stuttgart, Germany</i> |
| 15.07.2025 | Quantum Optimization for Nonlinear Model Predictive Control and Scheduling Applications
Prof. Carlo Novara
<i>Polytechnic University of Turin, Italy</i> |

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More information:

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