



Kolloquium Technische Kybernetik Winter Semester 2026/27

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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| 13.10.2026 | Toward a Geometric Theory of Passivity
Prof. Daniel Zelazo
<i>Technion – Israel Institute of Technology
Haifa, Israel</i> |
| 10.11.2026 | Learning and Optimization for Non-Stationary and Non-Ergodic Dynamical Systems
Prof. Dominik Baumann
<i>Aalto University
Espoo, Finland</i> |
| 17.11.2026 | Policy Optimization for POMDPs: Sample Complexity and Convergence Guarantees
Prof. Semih Cayci
<i>RWTH Aachen University
Aachen, Germany</i> |
| 25.11.2026
2 p.m. | A System Theory Tour into Optimization and Safety of Interconnected Complex Systems
Prof. Giuseppe Notarstefano
<i>University of Bologna
Bologna, Italy</i> |
| 02.12.2026 | Breaching the confidentiality of control systems
Prof. Michelle Chong
<i>Eindhoven University of Technology
Eindhoven, The Netherlands</i> |
| 19.01.2027 | Symbolically-guided Model Predictive Control
Prof. Antoine Girard
<i>CNRS / University of Paris-Saclay
Paris, France</i> |
| 25.01.2027 | Teaching Control Through Art
Prof. Cristina Stoica
<i>University of Paris-Saclay
Paris, France</i> |
| 09.02.2027 | Learning Pipelines Bridging Reinforcement Learning and Adaptive Control
Prof. Florian Dörfler
<i>ETH Zurich
Zurich, Switzerland</i> |

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www.ist.uni-stuttgart.de/aktuelles/veranstaltungen/

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