

## Agenda

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|------------|-----------|--|
| 16.02.2017 | 8:45 Uhr  | Opening (Prof. Stetter/Prof. Witczak)  |
|            | 9:00 Uhr  | Regular Presentations:<br>Krzysztof Patan:<br>“Robust neural networks based model predictive control”<br>Bartłomiej Sulikowski:<br>“Iterative Learning Control for a discretized subclass of 2D systems”<br>Silvio Simani:<br>“Advanced Modelling Issues and Sustainable Control Strategies for Wind Turbine Systems”<br>Piotr Witczak:<br>“Thrust balance estimation of a quadrotor system” |
|            | 10.20     | Coffee Break   |
|            | 10.40     | Vladimir Golovko:<br>“Deep learning: theory and applications”<br>Uladzimir Dziomin:<br>“Deep multi-agent reinforcement learning for mobile robots application”<br>Lothar Seybold:<br>“Industrial application of predictive fault-tolerant control for assembly systems”<br>Wolfram Höpken:<br>“How Big Data revolutionizes decision support in tourism”                                      |
|            | 12:00 Uhr | Lunch (Mensa)  |
|            | 13:00 Uhr | Pawel Majdzik:<br>“Design of receding-horizon estimators for the battery assembly system”<br>Marcin Witczak:<br>“Health monitoring and fault-tolerant control: a holistic perspective”   |
|            | 14:30 Uhr | Visit of an automated production system (brewery)  |
|            | 17:00 Uhr | Ralf Stetter:<br>“Product Monitoring in Systematic Product Development”  |
|            | 20:00 Uhr | Workshop Dinner (Restaurant Stern)   |
| 17.02.2017 |           | Socio-cultural event; meeting time: 7:30; Hotels<br>Group 1 (Krzysztof, Bartek, Paweł, Piotr, Lothar, Uładzimir, Władimir, Ralf):<br>Skiing/Sightseeing in St. Anton   |