

Monday 9th, December		
8:45-9:15	Registration	
9:15-9:30	Inauguration ceremony	
9:30-11:00	Introductory lecture on deep learning for robot vision	Dr. Niko Sünderhauf
11:00-11:30	Coffee	
11:30-13:00	(Deep) Reinforcement Learning for Robotics (1/2)	Dr. Jens Kober
13:00-14:30	Lunch	
14:30-15:30	Similarities and differences between artificial intelligence and the human brain	Dr. Pedro Maldonado
15:30-16:30	Introduction to the ethics of artificial intelligence	Dr. Wolfhart Totshnig

Tuesday 10th, December		
9:15-9:30	General Information	
9:30-11:00	The Importance of Uncertainty for Deep Learning in Robotics	Dr. Niko Sünderhauf
11:00-11:30	Coffee	
11:30-13:00	(Deep) Reinforcement Learning for Robotics (2/2)	Dr. Jens Kober
13:00-14:30	Lunch	
14:30-15:30	Visual navigation using Deep Reinforcement Learning	Eng. Francisco Leiva/Dr. Javier Ruiz-del-Solar
15:30-16:30	Building neural networks through neuroevolution	Dr. Alexandre Bergel

Wednesday 11th, December		
9:15-9:30	General Information	
9:30-11:00	(Deep) Learning for Robotic Grasping and Manipulation (1/2)	Dr. Juxi Leitner
11:00-11:30	Coffee	
11:30-13:00	Spatial AI for mobile robots (1/2)	Dr. Stefan Leutenegger
13:00-14:30	Lunch	
14:30-15:30	Semantic SLAM	Dr. Niko Sünderhauf
15:30-16:30	To be defined	To be defined
16:30	Walking Tour	

Thursday 12th, December		
9:15-9:30	General Information	
9:30-11:00	Spatial AI for mobile robots (2/2)	Dr. Stefan Leutenegger
11:00-11:30	Coffee	
11:30-13:00	Sparse Bayesian (Deep) Learning for Robotics (1/2)	Dr. Wei Pan
13:00-14:30	Lunch	
14:30-15:30	Learning State-Representations	Dr. Jens Kober
15:30-17:00	Poster Competition	

Friday 13th, December		
9:15-9:30	General Information	
9:30-11:00	Sparse Bayesian (Deep) Learning for Robotics (2/2)	Dr. Wei Pan
11:00-11:30	Coffee	
11:30-13:00	(Deep) Learning for Robotic Grasping and Manipulation (2/2)	Dr. Juxi Leitner
13:00-14:30	Lunch	
14:30-15:30	Closing the simulation-to-reality-gap using generative neural networks	Eng. Nicolás Cruz/Dr. Javier Ruiz-del-Solar
15:30-16:30	Deep Photovoltaic Prediction	Dr. Rodrigo Verschae
16:30-17:00	Closing ceremony	