

hosted by Technical University of Munich

Munich Downtown Campus, May 22, 2016

Location:

	Speaker	Titles
9:00-9:10	Welcome by Prof Hana Milanov, TUM Senior Vice President International Alliances and Alumni	
9:10-9:35	Prof. Martial Herbert, CMU	"Dependable vision"
9:35-10:00	Prof. Daniel Cremers, TUM	"Visual SLAM for Autonomous Quadcopters"
10:00-10:25	Prof. Nathan Michael, CMU	"Coordinated Active Perception and Exploration in 3D-Rich and Cluttered Environments"
10:25-10:40	Coffee Break	
10:40-11:05	Prof. Darius Burschka, TUM	"Robust Coupling of Perception to Control in Highly Dynamic Large-Scale Environments"
11:05-11:30	Prof. Nassir Navab, TUM	"Intra-operative, Multi-modal Robotic Imaging"
11:30-11:55	Prof. Matt Mason, CMU	"CExtrinsic dexterity"
11:55-12:20	Prof. Tim Lüth, TUM	"Medical Robotics"
12:20-13:30	Lunch	
13:30-13:55	Prof. George Kantor, CMU	"High-Throughput Plant Phenotyping in the Field with Robots"
13:55-14:20	Prof. Ralph L. Hollis, CMU	"Physical Compliance with Dynamically Stable Mobile Robots"
14:20-14:45	Prof. Sebastian Scherer, CMU	"Safe and Robust Autonomous Flight in Challenging Conditions"
14:45-15:10	Prof. Alin Albu-Schaeffer, TUM	"Soft Robotics for Interaction with Humans and Unknown Environments!"
15:10-15:30	Coffee Break	
15:30-15:55	Prof. Matthias Althoff, TUM	"Safe Human-Robot Co-Existence through Online Verification"
15:55-16:20h	Prof. Maxim Likhachev, CMU	"Heuristic Search: From Robotic Systems to Robotics-grounded AI Systems"
16:20-16:45	Prof. Dongheui Lee, TUM	"Incremental Robot Skill Learning by Human Motion Retargetting and Physical Human Guidance"
16:45-17:30	Prof. Gordon Cheng, TUM	"Humanoid Robotics" and wrap-up

Theresianum, Lecture hall 0601, Arcisstr. 21, 80333 München