

ANTRITTSVORLESUNG



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2004: Ph.D. degree in Mechanical Engineering from the TU Chemnitz, Germany. 2011: Habilitation in Mechanics at University Duisburg-Essen. 1998 – 2008: Researcher at the Institute of Mechatronics, Chemnitz. 2008 – 2011: Senior Lecturer at the Chair of Mechanics and Robotics, University Duisburg-Essen. 2012 – 2013: Deputy Manager Institute of Mechatronics, Chemnitz. 2013 – 2014: Associate Professor at the University of Michigan-Shanghai Jiao Tong University Joint Institute. Since October 2014: Full Professor at the Johannes Kepler University Linz

Montag, 25. Jänner 2016, 16:00 Uhr¹
Repräsentationsräume der JKU, 1. Stock (Uni-Center)

Intelligent Robotics vs. Robotic Intelligence

“Robots of the world! The power of man has fallen! A new world has risen: the Rule of the Robots! March!” These are the closing words of act III of Karel Capek’s theatrical play Rossum’s Universal Robots (R.U.R.). Since it was first staged in Prague in 1921, robotics has become a technological reality and even a life style. From mass production to artistic applications, robotic solutions are ubiquitous. Yet today’s robots are engineered systems programmed to accomplish specific tasks, rather than intelligent autonomous entities. Moreover, intelligence is embodied in the mechanical structure. Realizing the duality of the physical presence and the governing control system is crucial for future robotics. This is called model-based design and control

¹ Zu diesem Termin findet zuerst die Antrittsvorlesung von Herrn Prof. Kauers und anschließend jene von Herrn Prof. Müller statt.