



# 1<sup>st</sup> Joint Shizuoka-Munich Student Symposium

## Munich, November 22nd, 2016

Location: Room S4533  
 Barer Str. 21  
 80333 München

13.30 – 13.40	Yuichi Kobayashi and Dirk Wollherr Welcome and Introduction
13.40 – 14.00	Hajime Kubota <i>Validation of Error between Model and Real Parameterin Manipulation Task by Force Information</i>
14.00 – 14.20	Tanja Weber <i>Inverse Differential Kinematics: Exploiting a Dynamically Unconstrained Joint</i>
14.20 – 14.40	Kentaro Harada <i>Estimation of Structure and Physical Relations among Multi-modal Sensor Information for Musculoskeletal Robotic Arm</i>
14.40 – 15.00	Zhehua Zhou <i>Human Motion Understanding by Inverse Optimal Control</i>
15.00 – 15.20	Takeshi Matsumoto <i>Motion Recognition by Natural Language Including Success and Failure of Tasks for Co-Working Robot with Human</i>
15.20 – 15.50	Coffee Break
15.50 – 16.10	Omer Sari <i>Progressive Stochastic Optimal Motion Planning for HRI</i>
16.10 – 16.30	Sho Matsunaga <i>Motion Planning of Mobile Robot Considering Velocity-Dependent Cost and Time</i>
16.30 – 16.50	Wolfgang Rampeltshammer <i>An Ontology for Human-Human Interaction</i>
16.50 – 17.10	Keishi Horiba <i>Environment recognition for UAV based on monocular camera and SLAM</i>
17.10 – 17.30	Jing Lu <i>Force-Sensitive Manipulation with a KUKA Lightweight Robot</i>
18.00	Joint Dinner at Löwenbräukeller