

# 15th Germany-Korea Joint Workshop on Medical Image Analysis and Cognition-Guided Surgery

## KAIST Satellite Workshop

- **Date :** October 30, 2014 (Thur)
- **Venue :** Matrix Hall, KI Building (E4), KAIST
- **Program**

Time	Speaker	Affiliation (Dept.)	Talk Title
13:30 - 13:45	Registration and Opening		
13:45 - 14:00	Prof. Jinah Park	KAIST (Computer Science)	Introduction to activities of KAIST Special Interest Group on Medical Imaging
14:00 - 14:15	Prof. HyunWook Park	KAIST (Electrical Engineering)	MRI Research at KAIST
14:15 - 14:45	Prof. Dr. Hans-Peter Meinzer	DKFZ (Medical and Biological Informatics)	MBI: Medical Image Processing at the German Cancer Research Center
	Dr. Marco Nolden		
	Sebastian Wirkert	DKFZ (Junior Group Computer-assisted Interventions)	
	Keno März		
14:45 - 15:00	Prof. Sung-Hong Park	KAIST (Bio & Brain Engineering)	Anatomical, physiological, and functional MRI techniques
15:00 - 15:20	Prof. Dr. Heinz Handels	University of Lübeck (Institute of Medical Informatics)	Research at the Institute of Medical Informatics of the University of Lübeck
	Matthias Wilms		
15:20 - 15:50	Break		
15:50 - 16:05	Prof. Chang-Ock Lee	KAIST (Mathematical Science)	Computational Mathematics in MREIT (Magnetic Resonance Electrical Impedance Tomography)
16:05 - 16:25	Dr. Hannes Kenngott	University Clinic of Heidelberg	Medical Research at the University Clinic of Heidelberg
	Martin Wagner		
16:25 - 16:40	Prof. In Gwun Jang	KAIST (Green Transportation)	QCT resolution enhancement for skeletal images based on topology optimization
16:40 - 16:55	Prof. Seungryong Cho	KAIST (Nuclear & Quantum Engineering)	X-Ray Tomographic Imaging
16:55 - 17:00	Break		
17:00 - 17:15	Prof. Dr. Arya Nabavi	Hannover Clinic of Neurosurgery	Image Guided Neurosurgery - The International Neuroscience Institute Hannover
17:15 - 17:30	Prof. Yong Jeong	KAIST (Bio & Brain Engineering)	Introduction to Cognitive Neuroscience and Neuroimaging Lab
17:30 - 17:45	Prof. Dr. Rüdiger Dillmann	Karlsruhe Institute of Technology (Humanoids and Intelligence Systems Lab)	Knowledge Extraction and Reasoning at the Karlsruhe Institute of Technology
17:45 - 18:00	Prof. Doo Yong Lee	KAIST (Mechanical Engineering)	Medical Simulation & Robotics
18:00 - 19:00	Wrap-up and move to dinner place		

- **Organizer :** 카이스트 의료영상분야 미래융합기술 연구회  
KAIST Special Interest Group on Future Emerging Technology of Medical Imaging (<http://cgv.kaist.ac.kr/sigmi>)