



1st ISCAS/ASCAS/IROS Joint Workshop

Theme: Intelligent Instruments and Software for Future Medical Workspaces

Date: October 14, 2016

Venue: DCC (3F), Daejeon, Korea

Organizer: Byung-Ju Yi, Jaesung Hong

Sponsor: Korean Society of Medical Robotics (KSMR)

Program

Time	Speaker	Title
13:30-13:35	Byung-Ju Yi (Hanyang Univ. KR)	Opening Address
13:35-14:05	Pierre Jannin (Univ. of Rennes, FR)	Surgical Skill Analysis and Modeling
14:05-14:35	Takeyoshi Dohi (Univ. of Tokyo, JP)	Engineering to Develop the Computer Aided Surgery
14:35-15:05	Makoto Hashizume (Kyushu Univ., JP)	Surgical Navigation System based on Multidisciplinary Computational Anatomy
15:05-15:35	Guang-Zhong Yang (Imperial College London, UK)	Perceptual Learning for Medical Robotics
15:35-16:00	Coffee Break	
16:00-16:30	Danail Stoyanov (Univ. College London, UK)	Inferring Geometry+ from Endoscopic Video
16:30-17:00	Young Soo Kum (Hanyang Univ. KR)	A Novel System of Stereotactic Neurosurgical Robot
17:00-17:30	Sungchul Kang (KIST, KR)	Slim, Stiff and Steerable Endoscopic Surgical Robots for Endonasal Skull Base Surgery and Epiduroscopic Neuroplasty
17:30-17:55	Panel Discussion	
17:55-18:00	Pierre Jannin (Univ. of Rennes, FR)	Closing Address
18:30-20:30	Banquet	