IROS 2016

IEEE/RSJ International Conference on Intelligent Robots and Systems
October 9~14, 2016   Daejeon Convention Center, Daejeon, Korea
www.iros2016.org

Honorary General Chairs
Fumio Harashima (Tokyo M. U)
Tzyh-Jong Tarn (Washington U)

General Chair
Il Hong Suh (Hanyang U)

Program Chair
Dong-Soo Kwon (KAIST)

Program Co-Chairs
Yuechao Wang (SIA)
Yasushi Nakauchi (U Tsukuba)
Marcia O'Malley (Rice U)
Darwin G. Caldwell (IIT)

Advisory Committee Chairs
Toshio Fukuda (Meijo U)
C.S. George Lee (Purdue U)
Kazuhiro Kosuge (Tohoku U)

Workshop/Tutorial Co-Chairs
Paolo Robuffo-Glordano (CNRS)
Frank Chongwoo Park (Seoul Nat'l U)
Jamie Paik (EPFL)
Edward Jung Wook Park (Simon Fraser U)

Interactive Session Co-Chairs
In So Kweon (KAIST)
Pascal Vasseur (U Rouen)
Masafumi Okada (Tokyo Inst. Tech.)

Award Co-Chairs
Shigeki Sugano (Waseda U)
Byung-Ju Yi (Hanyang U)
Hajime Asama (U Tokyo)
Gregory Chirikjian (Johns Hopkins U)

Publication Co-Chairs
Chul-Goo Kang (Konkuk U)
Sylvain Calinon (Idiap Research Inst.)

Exhibition Co-Chairs
Young-Jo Cho (ETRI)
Nobuto Matsuhira (Shibaura Inst. Tech.)
Fulvio Mastrogiovanni (U Genova)
Lianqing Liu (Shenyang Inst. Automation)

Finance Co-Chairs
Jae-Bok Song (Korea U)
Ja Choon Koo (Sungkyunkwan U)

Publicity Co-Chairs
Jaeheung Park (Seoul Nat'l U)
Greg Trafton (NRL)
Vanessa Evers (U Twente)
Nak Young Chong (JAIST)
Qiang Huang (Beijing Inst. Tech.)

Video Session Co-Chairs
Kyu-Jin Cho (Seoul Nat'l U)
Yasuhisa Hasegawa (Nagoya U)

Web Co-Chairs
Jinhyun Kim (SeoulTech)
Bong Keun Kim (AIST)
Dongheui Lee (TUM)

Competition Co-Chairs
Hyungpil Moon (Sungkyunkwan U)
Daniel D. Lee (U Pennsylvania)
Yu Sun (U South Florida)
Jacky Baltes (U Manitoba)
Jung-Hoon Hwang (KETI)

Paperplaza Co-Chairs
Kyung-Soo Kim (KAIST)
Heike Vallery (TU Delft)

Industry Session Co-Chairs
Erwin Prassler (H-BRS)
Dominik Boesl (KUKA)
Hyouk Ryeol Choi (Sungkyunkwan U)
Raj Madhavan (U Maryland College Park)
Torsten Kroeger (Google)
Rainer Bischoff (KUKA)

Government Forum Co-Chairs
Sungchul Kang (KIST)
Christian Ott (DLR)
Kensuke Harada (AIST)
Barbara Mazzolai (IIT)

Local Arrangement Co-Chairs
Ki-Uk Kyung (ETRI)
Jongwoo Lim (Hanyang U)
Gon-Woo Kim (Chungbuk Nat'l U)
Jeong-Yean Yang (KAIST)

Conference Secretaries
Youngjin Choi (Hanyang U)
David Hyunchul Shim (KAIST)

Final Call for Papers

The 2016 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS 2016) will be held in Daejeon, Korea, during October 9-14, 2016. The venue for IROS 2016 is the Daejeon Convention Center (DCC).

Daejeon is the leading city of science and technology in Korea, adjacent to the Daedeok Innopolis, a large research complex where 20,000 engineering graduates are working for over 250 research institutes, universities, and technology companies such as Electronics and Telecommunications Research Institute (ETRI), Korea Institute of Machinery & Materials (KIMM), Korea Aerospace Research Institute (KARI), Korea Atomic Energy Research Institute (KAERI), Korea Advanced Institute of Science and Technology (KAIST), and Silicon Works Co.

Daejeon has many cultural attractions such as the Daejeon Culture and Arts Center, the Municipal Museum of Arts, and Baekjae Cultural Zone. Various attractions and activities such as making Korean pottery, ginseng cultivation, and temple stay programs are accessible from Daejeon.

Theme: Road to companionship with intelligent robots in everyday life and workspaces
Innovative research results on topics related (but not limited) to the following are invited: robot design, robot kinematics/dynamics/control, system integration, AI in robotics, sensor/actuator networks, distributed and cloud robotics, bio-inspired systems, service robots, robotics in automation, biomedical applications, autonomous vehicles (land, sea, and air), robot perception, manipulation with multifinger hands, micro/nano systems, sensor information, multimodal interface and human robot interaction, and robot vision.

Call for Contributions
Prospective authors are invited to submit high-quality papers representing original results in all areas of robotics. Best Conference Papers and Best Student Papers will be awarded.

IROS 2016 provides authors with four options of preference to present their paper. Authors are expected to indicate their preference when the papers are submitted. The IROS 2016 Senior Program Committee, which is in charge of making the final decisions about accepted papers and presentation modes, will try to respect the preferences of the authors as much as possible thereby also considering the contents of the paper and the capacity of the facility. The presentation preference expressed by the authors has no effect on the evaluation of the paper and its acceptance. The four different options for presenting the papers are:

Oral Presentation: 12-minutepresentation (each) + 3 minutes of discussion (each) (venue capacity: 140).
Interactive Presentation: 1 minute of semi-plenary teaser presentation (each)+ 90 minutes of interactive discussion (total) (30 presenter in each session) with PDP TV (40") to be provided (venue capacity: 600).Interactive
Demonstration: 1 minute of semi-plenary teaser presentation(each)+ 90 minutes of demonstration & discussion (total) (required) / One day of demonstration (recommended) / A booth (2m x 2m) to be provided free of charge (venue capacity: 600,
Halls).
Video Presentation: 1~3 minutes of video play (each) + 5 minutes of discussion (each)/ videos to be played repeatedly throughout the day (venue capacity: 200, IROS Lounge)
More information is available on the conference website.

Call for Workshops/Tutorials
As with previous IROS conferences, the organizers intend to arrange an extensive program of workshops and tutorials to be held prior to the conference. Proposals that address topics related to the conference theme and innovated topics of future robotics are welcome.
More information is available on the conference website.

Important Dates

Special sessions/forum proposals due	January 18, 2016
Notification of acceptance for special sessions/forums	February 1, 2016
Deadline of full-length papers submission	March 1, 2016
Supplementary videos upload due	March 7, 2016
Workshop/tutorial proposals due	March 7, 2016
Notification of acceptance for workshops/tutorials	April 15, 2016
Notification of acceptance for papers/videos	July 1, 2016
Deadline of final papers submission	August 1, 2016
Supplementary final videos upload due	August, 7, 2016
Late breaking result reports submission	August 7, 2016