

IROOS 2016

IEEE/RSJ International Conference on Intelligent Robots and Systems

October 9~14, 2016 Daejeon Convention Center, Daejeon, Korea

www.iros2016.org

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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-minute presentation (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
Notification of acceptance for special sessions/forums
Deadline of full-length papers submission
Supplementary videos upload due
Workshop/tutorial proposals due
Notification of acceptance for workshops/tutorials
Notification of acceptance for papers/videos
Deadline of final papers submission
Supplementary final videos upload due
Late breaking result reports submission

January 18, 2016

February 1, 2016

March 1, 2016

March 7, 2016

March 7, 2016

April 15, 2016

July 1, 2016

August 1, 2016

August 7, 2016

August 7, 2016