

IEEE/RSJ International Conference on Intelligent Robots and Systems

November 3–8, 2019 | The Venetian Macao, Macau, China

- Honorary Chairs**
 Fumio Harashima, Tokyo Metropolitan University, Japan
 Tzyh-Jong Tarn, Washington University, USA
 Way Kuo, City University of Hong Kong, China
 Toshio Fukuda, Nagoya/Meijo University, Japan; BIT, China
 C.S. George Lee, Purdue University, USA
- General Chair**
 Dong Sun, City University of Hong Kong, China
- General Co-Chairs**
 Hajime Asama, University of Tokyo, Japan
 Christian Laugier, INRIA, France
 Wen Jung Li, City University of Hong Kong, China
 Yuan F. Zheng, Ohio State University, USA
- Program Chair**
 Fumihito Arai, Nagoya University, Japan
- Program Co-Chairs**
 Kevin Lynch, Northwestern University, USA
 Bradley Nelson, ETH Zurich, Switzerland
 Allison M. Okamura, Stanford University, USA
 Hesheng Wang, Shanghai Jiao Tong University, China
- Finance Chair**
 Yi Guo, Stevens Institute of Technology, USA
- Awards Co-Chairs**
 Nancy Amato, Texas A&M University, USA
 Chien Chern Cheah, NTU Singapore, Singapore
 Seth Hutchinson, Georgia Institute of Technology, USA
 Yunhui Liu, The Chinese University of Hong Kong, China
- Tutorials and Workshops Co-Chairs**
 Ayanna Howard, Georgia Institute of Technology, USA
 Tony Maciejewski, Colorado State University, USA
 Jan Peters, Darmstadt University of Technology, Germany
 Li Zhang, The Chinese University of Hong Kong, China
- Publicity Co-Chairs**
 Sabine Hauert, University of Bristol, United Kingdom
 Ryo Kurazume, Kyushu University, Japan
 Lianqing Liu, Shenyang Institute of Automation, CAS, China
 Jing Xiao, Worcester Polytechnic Institute, USA
- Publication Co-Chairs**
 Zhidong Wang, Chiba University of Technology, Japan
 Pakpong Chirarattananon, City University of Hong Kong, China
- Special Forum Co-Chairs**
 Sergej Fatikow, University of Oldenburg, Germany
 H. Andy Park, Rethink Robotics, USA
 Hong Qiao, Institute of Automation, CAS, China
 Danwei Wang, NTU Singapore, Singapore
- Competition Co-Chairs**
 King Lai, City University of Hong Kong, China
 Yantao Shen, University of Nevada, USA
- Local Arrangement Co-Chairs**
 Yajing Shen, City University of Hong Kong, China
 Qingsong Xu, University of Macau, China
- Exhibits Co-Chairs**
 Haoyao Chen, Harbin Institute of Technology, China
 Ming Liu, HKUST, China
- Registration Co-Chairs**
 Henry K. Chu, The Hong Kong Polytechnic University, China
 Xiangpeng Li, Soochow University, China
- Information Technology**
 Jia Pan, City University of Hong Kong, China
- Conference Secretary**
 Miranda Chi, City University of Hong Kong, China

Call for Papers

The 2019 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS 2019) will be held on November 3 – 8, 2019 in The Venetian Macao, Macau, China. IROS is one of the largest and most impacting robotics research conferences worldwide. It provides an international forum for the international robotics research community to explore the frontier of science and technology in intelligent robots and smart machines. In addition to technical sessions and multi-media presentations, IROS conferences also hold panel discussions, forums, workshops, tutorials, exhibits, and technical tours to enrich the fruitful discussions among conference attendees.

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

Papers: Prospective authors are invited to submit high-quality papers reporting original results under the broad theme, and in all areas of intelligent robot elements, systems, and applications. Best Conference Papers and Best Student Papers will be awarded. Detailed instructions for submissions are available on the conference website.

Tutorials and Workshops: 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 for tutorials and workshops that address topics related to the conference theme are welcome.

Competitions: For organizers of robot competitions, please contact the conference competition chairs with a proposal.

Exhibits: IROS 2019 offers an excellent opportunity for robot companies to showcase their products and services. Ample exhibition space is available at The Venetian Macao with convenient access to the meeting space for the conference technical program. Information on exhibiting can be found on www.iros2019.org.

Important Dates

Organized Sessions/Forums & Competition Proposals	February 1, 2019
Notification of Organized Sessions/Forums & Competition Acceptance	February 20, 2019
RA-Letters with IROS Option Submission	February 24, 2019
Paper Submission	March 1, 2019
Workshop/Tutorial Proposals	March 15, 2019
Notification of Workshop/Tutorial Acceptance	April 23, 2019
Notification of Paper Acceptance	June 30, 2019
Final Paper Submission	July 31, 2019

**All deadlines are 23:59 PST.*

