IROS
VANCOUVER 2017

http://www.iros2017.org

2017 IEEE/RSJ International Conference on Intelligent Robots and Systems
September 24 - 28, 2017, Vancouver, Canada

IES · RSJ · SICE · NTF

Call for Papers

The theme of IROS 2017 is "*Friendly People, Friendly Robots*". Robots and humans are becoming increasingly integrated in various application domains. We work together in factories, hospitals and households, and share the road. This collaborative partnership of humans and robots gives rise to new technological challenges and significant research opportunities in developing friendly robots that can work effectively with, for, and around people.

Papers: Prospective authors are invited to submit high-quality papers reporting original results under the broad theme of building friendly robots, and in all areas of intelligent robot elements, systems, and applications. Prizes for Best Conference Papers and Best Student Papers will be awarded. IEEE Robotics and Automation Letters (RA-L) with IROS Option will be lauched at IROS 2017. Papers accepted by RA-L with IROS Option will be presented at the IROS conference and published in RA-L. Information on paper submission to RA-L with IROS Option can be found at: http://www.ieee-ras.org/publications/ra-l.

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: Organizers of robot competitions please contact the conference competitions chairs at competitions@iros2017.org with a proposal.

Exhibits: IROS 2017 offers an excellent opportunity for robot companies to showcase their products and services. Ample exhibition space is available at Vancouver Convention Centre with convenient access to the meeting space for the conference technical program. Information on exhibiting at IROS 2017 can be found in Call for Sponsors and Exhibitors on the IROS 2017 website.

Secretariat Contact: info@iros2017.org

Important Deadlines

Date	Event
January 20, 2017	Competition proposals
February 3, 2017	Notification of competition acceptance
February 15, 2017	RA-Letters with IROS option submission
March 1, 2017	Regular IROS paper submission
March 15, 2017	Workshop/tutorial proposals
April 22, 2017	Notification of workshop/tutorial acceptance
June 15, 2017	Notification of paper acceptance
July 22, 2017	Final paper submission

Advisory Committee
Fumio Harashima, Tokyo Metro. Univ., Japan
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William Hamel, University of Tennessee, USA
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Oussama Khatib, Stanford University, USA
Christian Laugier, INRIA, France
Yannis Rekleitis, Univ. of South Carolina, USA

Workshops/Tutorials
Michael Jenkin, York University, Canada
Mario Campos, UFMG, Brazil
Dylan Shell, Texas A&M University, USA
Ryan Eustice, University of Michigan, USA

Information Technology
Torsten Kroger, Google, USA

Visual Arts
Max Q.-H. Meng, CUHK, Hong Kong SAR

Awards
Kazuhiro Kosuge, Tohoku University, Japan
Gregory Dudek, McGill University, Canada
Michael Wang, HKUST, Hong Kong SAR
Eugenio Guglielmelli, Unicampus, Italy

Publications
Zhidong Wang, Chiba Inst. of Tech., Japan
Yisheng Guan, Guangdong U. of Tech., China

Paperplaza
Jindong Tan, University of Tennessee, USA

Exhibits
Joshua Marshall, Queen's Univ., Canada
Zexiang Li, HKUST, Hong Kong SAR
Yunhui Liu, CUHK, Hong Kong SAR
Erwin Prassler, H-BRS, Germany

Publicity
Nikos Papanikolopoulos, U. Minnesota, USA
Tim Barfoot, University of Toronto, Canada
Yasushi Nakauchi, Tsukuba University, Japan
Dong-Soo Kwon, KAIST, Korea
Francois Michaud, U Sherbrooke, Canada
Jianwei Zhang, Univ. of Hamburg, Germany

Travel Awards
Jing Xiao, Univ. of North Carolina, USA
Nilanjan Ray, University of Alberta, Canada

Financials
Melanie Calvert, Univ. of Alberta, Canada
Xiaoping Yun, NPS, USA

Competitions
Steve Waslander, U. Waterloo, Canada
Daniel Lee, UPenn, USA

Local Arrangements
Elizabeth Croft, UBC, Canada
Kamal Gupta, Simon Fraser U., Canada
Martin Jagersand, U. of Alberta, Canada
David Meger, MGill University, Canada
Mahdi Tavakoli, U. of Alberta, Canada
Philip Giguere, Laval University, Canada

Registration
Jason Gu, Dalhousie University, Canada
Jonathan Kelly, Univ. of Toronto, Canada
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