



May 30 - June 5, 2021
Xi'an International
Convention & Exhibition Center
Xi'an, China

IEEE
ICRA 2021

Call for Papers

Honorary Chairs:

CHEN Shiyi, SUSTech, China
WANG Shuguo, Xi'an Jiaotong, China
XU Yangsheng, CUHK Shenzhen, China
ZHOU Yu, Harbin Inst. of Tech., China

General Chair:

MENG Q.-H. Max, SUSTech/CUHK, China

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KHATIB Oussama, Stanford Univ., USA
GUAN Xiaohong, Xi'an Jiaotong, China
LIU Hong, Harbin Inst. of Tech., China
NELSON Bradley, ETHZ, Switzerland

Program Chair:

SUN Yu, University of Toronto, Canada

Regional Program Chairs:

ASAMA Hajime, Univ. of Tokyo, Japan
BICCHI Antonio, University of Pisa, Italy
DING Han, Huazhong UST, China
FU Yili, Harbin Inst. of Tech., China
HUTCHINSON Seth, Georgia Tech., USA
LI Dichen, Xi'an Jiaotong, China

Awards Chairs:

GU J. Jason, Dalhousie Univ., Canada
QIAO Hong, CAS Inst. Automation, China
ZHANG Hong, SUSTech, China

Tutorials and Workshops Chairs:

KROEGER Torsten, KIT, Germany
PATEL Rajni, Western Univ., Canada
YANG X. Simon, U. of Guelph, Canada

Finance Chairs:

HU Chao, Zhejiang Univ. Ningbo, China
NAKAUCHI Yasushi, U. Tsukuba, Japan

Publications Chairs:

SONG Shuang, HIT Shenzhen, China
WANG Zhidong, Chiba Inst. Tech., Japan

Videos Chairs:

LIU Li, CUHK, HKSAR, China
LIU Jun, CityU of HK, HKSAR, China
QI Lin, Northeastern University, China
REN Hongliang, NUS, Singapore

Exhibits Chairs:

CHANG Feng, GaiTech, China
WANG Jiaole, HIT Shenzhen, China
WU Xinyu, CAS SIAT, China
ZHU Xiaorui, HIT Shenzhen, China

Industrial Forum Chairs:

LI Bing, HIT Shenzhen, China
LI Zexiang, HKUST, HKSAR, China
LIU Yunhui, CUHK, HKSAR, China

Woman in Engineering Panel Chairs:

AMATO Nancy, Texas A&M Univ., USA
GUO Yi, Stevens Inst. of Tech., USA
YUAN Yixuan, CityU of HK, HKSAR, China

Student Activity Panel Chairs:

HOWARD Ayanna, Georgia Tech., USA
LIU X. Peter, Carleton University, Canada
XIAO Jing, Worcester Polytechnic, USA
ZHOU Mengchu, NJIT, USA

Publicity Committee Chairs:

CHI Wenzheng, Soochow Univ., China
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WANG Lujia, CAS SIAT, China
YAN Tingfang, CUHK, HKSAR, China
ZHENG Minhua, BJTU, China

Local Arrangement Chairs:

HUANG Panfeng, NWPU, China
WANG Jiankun, SUSTech, China
ZHANG Ang, CUHK, HKSAR, China
ZHOU Yue, CUHK, HKSAR, China

Secretariat: info@ieee-icra.org

YAN Tingcui, SUSTech, China
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The 2021 International Conference on Robotics and Automation (ICRA 2021) will take place from May 30 to June 5, 2021 at Xi'an International Convention and Exhibition Center in Xi'an, China. Due to the influence of the Covid-19 pandemic, the ICRA 2021 will be held in a hybrid format, including simultaneous on-site and cloud meetings.

Located in the central-northwest China, Xi'an records the great change of the country just like a living history book. Called Chang'an (meaning the eternal city) in ancient times, it is one of the birthplaces of the ancient Chinese civilization in the Yellow River Basin area. As the eastern terminal of the Silk Road and the site of the famous Terra Cotta Warriors of the Qin Dynasty (221-207 BC), the city has won a reputation all over the world. More than 3,000 years of history including over 1,100 years as the capital city of ancient dynasties, have endowed the city with an amazing historical heritage. Travellers marvel at the numerous historical sites and cultural relics in the city. Xi'an is the capital of Shaanxi Province, China, a sub-provincial city on the Guanzhong Plain in Northwestern China. Since the 1990s, as part of the economic revival of inland China especially for the central and northwest regions, the city of Xi'an has re-emerged as an important culture, industrial and educational center of the central-northwest region, with facilities for research and development, national security and space exploration. It is the most populous city in Northwest China and named as one of the 13 emerging megacities, or megalopolises, in China.

The ICRA 2021 conference promises to be a great event with excellent technical and social programs, with hybrid simultaneous on-site and cloud meetings. Paper manuscripts reporting original research results on all aspects of robotics, AI and automation are welcome. Proposals for tutorials and workshops, and organized sessions, on emerging topics and innovative applications with significant impact are invited. Video clips illustrating original and impactful results are invited for video sessions. Exhibits from both industries and research labs are welcome. All submitted contributions will be evaluated for the various awards associated with the ICRA 2021 conference. Plenary and keynote presentations from the world top achievers in robotics, AI and automation will be invited and delivered. For all the detailed information about any aspects of the ICRA 2021 conference, please visit the official conference websites at the link below or <http://www.icra2021.org>.

<https://2021.ieee-icra.org>

Important Dates:

RA-L papers with ICRA presentation:	October 15, 2020
Video submission for RA-L papers:	October 15, 2020
Submission of contributed papers:	October 31, 2020
Video submission for contributed papers:	November 5, 2020
Workshops & tutorial proposals due:	November 15, 2020
Acceptance of workshops & tutorials:	January 31, 2021
Notification of paper acceptance:	February 28, 2021
Submission of final accepted papers:	March 25, 2021
Early-bird registration deadline:	March 25, 2021
Advance registration deadline:	April 25, 2021

