

IEEE International Conference on Advanced Robotics and Mechatronics



Call for Papers

<http://www.ieee-arm.org/index.php/call-for-papers/>

The IEEE International Conference on Advanced Robotics and Mechatronics (ICARM) is the flagship conference of both IEEE-SMC TC on Bio-mechatronics and Bio-robotics Systems, and IEEE-RAS TC on Neuro-Robotics Systems. The ICARM 2022 will take place in the Guilin from July 9th to 11th, 2022. The conference would be organized by Guilin University of Technology (GUT), China, and Guangxi University, China. The conference will provide an international forum for researchers, educators, engineers in general areas of mechatronics, robotics, automation and sensors to disseminate their latest research results and exchange views on the future research directions of these fields.

Topics of Interest:

- Intelligent mechatronics, automation, control systems
- Bionic robotics, autonomous and evolutionary robotics
- Modelling of human sensory and motor systems
- Bionic robot navigation, task and motion planning
- Locomotion and manipulation in biological and robot systems
- Teleoperation, tele-robotics, haptics, and semi-autonomous systems
- Robotic systems modeling, optimization, simulation and experiments
- Control system modeling and simulation techniques and methodologies
- AI, intelligent control, neuro-control, fuzzy control and their applications
- Industrial automation, process control, manufacturing process
- Rehabilitation robot system, neuro-robotics, wearable robots

Important Dates

20 January 2022: Full papers and organized session proposals

20 January 2022: Proposal for tutorials and workshops

20 April 2022: Notification of paper and session acceptance

20 May 2022: Submission of final papers in IEEE PDF format



Steering Committee

Tianyou Chai, Northeastern Univ., China

Yaonan Wang, Hunan Univ., China

Bruno Siciliano, Univ. Napoli Federico II, Italy

Hong Qiao, Institute of Automation, Chinese Academy of Sciences, China

Toshio Fukuda, Nagoya Univ., Japan

Mengchu Zhou, New Jersey Institute of Tech., USA

General Chair

Mei Wang, Guilin Univ. of Tech., China

Jinzhao Wu, Guangxi Univ., China

Yu Liu, South China Univ. of Tech., China

General Co-Chairs

Zhijun Li, Univ. of Sci. and Tech. of China, China

Jianqiang Li, Shenzhen Univ., China

Program Chair

Xiaolan Xie, Guilin Univ. of Tech., China

Feng Shuang, Guangxi University, China

Hang Su, Politecnico di Milano, Italy

Program Co-Chairs

Jian Huang, Huazhong Univ. of Sci. & Tech., China

Yanmei Meng, Guangxi Univ., China

Wei He, Univ. of Sci. and Tech. of Beijing, China

Organizing Chairs

Minggang Dong, Guilin Univ. of Tech., China

Xiaogang Zhao, Guangxi Univ., China

Zion Tse, York University, UK

Sanja Dogramadzi, University of Sheffield, UK

Yu Kang, Univ. of Sci. and Tech. of China, China

Local Arrangement Chairs

Chao Jing, Guilin Univ. of Tech., China

Chenglong Fu, South Univ. of Sci. and Tech., China

Andrea Zanchettin, Politecnico di Milano, Italy

Special Session Chairs

Rong Song, Sun Yat-Sen Univ., China

Guang Chen, Tongji Univ., China

Nima Enayati, ABB Corporate Research, Germany

Shengchao Zhen, Hefei Univ. of Tech., China

Award Chairs

Chun-Yi Su, Concordia Univ., Canada

Chenguang Yang, Univ. of the West of England, UK

Jing Liang, Zhengzhou Univ., China

Publicity/Exhibits Chairs

Med Amine Laribi, University of Poitiers, France

Publication Chairs

Fei Chen, The Chinese Univ. of Hong Kong, China

Mengyue Cheng, Inst. of Advanced Tech., USTC

Register Chairs

Min Zhu, Univ. of Sci. and Tech. of China, China