

# 11th International Conference on Advanced Robotics and Mechatronics IEEE ARM 2026

21 July - 23 July , Paris, France

## Call for Papers

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

The IEEE International Conference on Advanced Robotics and Mechatronics (IEEE ARM) is the flagship conference of both IEEE-SMC TC on Bio-mechatronics and Bio-robotics Systems, and IEEE-RAS TC on Neuro-Robotics Systems. **IEEE ARM has been awarded as the official A-Class conference by the Chinese Association of Automation.** The IEEE ARM 2026 will be organized by the University of Paris-Saclay and held in Paris-Saclay, France, from 21 July to 23 July 2026. The conference will provide an international forum for researchers, educators, and engineers in the 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 systems, neuro-robotics, wearable robots

## Important Dates

31 January, 2026: Proposal for organized session

31 January, 2026: Submission of regular papers and organized session papers

28 February, 2026: Notification of paper and session acceptance

31 March, 2026: Submission of final papers in IEEE PDF



### Steering Committee

Tianyou Chai, Univ., China

Hong Qiao, Inst. of Northeastern Automation, CAS, CN

Wolfram Burgard, Univ. of Tech. Nuremberg, Germany

Yu Sun, Univ. of Toronto, Canada

Toshio Fukuda, Nagoya Univ., Japan

Zhijun Li, Tongji Univ., China

### General Chair

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

### General Co-Chairs

Olivier Stasse, CNRS-LAAS, France

Tiago Falk, INRS-EMT, University of Québec, Canada

Zhaojie Ju, Univ. of Portsmouth, UK

### Program Chairs

Samer Mohammed, Université Paris-Est Créteil, France

Dongrui Wu, Huazhong Univ. of Sci. and Tech., China

### Organizing Chairs

Earnest Su, Univ. of Paris-Saclay, France

Philippe Gaussier, ENSEA, France

### Local Arrangement Chair

Samer Alfayad, Univ. of Paris-Saclay, France

### Special Session Chairs

Rong Song, Sun Yat-sen Univ., China

Rongxin Cui, Northwestern Poly Univ., China

Shengchao Zhen, Hefei Univ. of Tech., China

### Award Chairs

Qinghua Huang, Northwestern Poly Univ., China

Lorenzo Masia, Tech. Univ. München, Germany

Haibin Zhu, Nipissing Univ., CA

Gina Tang, Rowan Univ., USA