



IEEE-IARCE 2025

Chongqing, China
November 21-23, 2025



2025 IEEE 5th International Conference on Industrial Automation, Robotics and Control Engineering

Welcome to the 2025 IEEE 5th International Conference on Industrial Automation, Robotics and Control Engineering (IEEE-IARCE 2025), which will be held in Chongqing, China on November 21-23, 2025. It is organized by Chongqing University of Posts and Telecommunications.

ORGANIZING COMMITTEE



Honorary Chairs

KWONG Sam Tak Wu, Lingnan University, Hong Kong, China
Tingwen Huang, Shenzhen University of Advanced Technology, China
Xiangyang Ji, Tsinghua University, China

General Chairs

Xinbo Gao, Chongqing University of Posts and Telecommunications, China
Yang Li, Beihang University, China

General Co-Chairs

Qianbin Chen, Chongqing University of Posts and Telecommunications, China
Feifei Gao, Tsinghua University, China
Huihua Yang, Beijing University of Posts and Telecommunications, China
Nan Wu, Beijing Institute of Technology University, China

Program Chairs

Changchuan Chen, Chongqing University of Posts and Telecommunications, China
Jingming Hou, Southwest Hospital, China
Shiyuan Wang, Southwest University, China
Huiling Chen, Wenzhou University, China
Filippo Sanfilippo, University of Agder, Norway

Organizing Committee Chairs

Min Wei, Chongqing University of Posts and Telecommunications, China
Xiaobo Zhang, Southwest Jiaotong University, China
Ming Lu, Hunan University of Science and Technology, China
Yuzhu Guo, Beihang University, China

Publication Chair

Mengqi Zhou, Executive Vice Chairman of IEEE China Council

Publication Co-Chairs

Rui Araújo, University of Coimbra, Portugal
Gheorghe-Daniel Andreescu, Politehnica University Timisoara, Romania
Yue Zhao, Chongqing University of Posts and Telecommunications, China
Yongjun Xu, Chongqing University of Posts and Telecommunications, China

Publicity Chairs

Meysar Zeinali, Laurentian University, Canada
Chengchao Liang, Chongqing University of Posts and Telecommunications, China
Cheng Chen, PKU-Changsha Institute for Computing and Digital Economy, China
Samir Ladaci, Ecole Nationale Polytechnique, Algeria

Award Chairs

Liang Zhang, Xidian University, China
Zhongyuan Guo, Chongqing Univeristy of Science and Technology, China

Finance Chair

Dajiang Lei, Chongqing University of Posts and Telecommunications, China

Local Chairs

Hongyu Long, Chongqing University of Posts and Telecommunications, China
Ke Liu, Chongqing University of Posts and Telecommunications, China

Program Committee

Huseyin Canbolat, Ankara Yildirim Beyazit University, Turkey
Mohammed Abu Mallouh, Hashemite University, Jordan
Xiangyun Li, West China Hospital, Sichuan University, China
Changzhong Pan, Hunan University of Science and Technology, China

SPECIAL SESSIONS

- I : AI-Native Communication and Intelligent Information Processing
- II : Industrial Internet & Wireless Sensing and Transmission
- III: Low Carbon Electrical Engineering & Automation Control
- IV: Biomedical Information Perception, Computation and Control
- V : Embodied Intelligent Robotic Joint Technologies: Innovative Design and Applications
- VI: Medical Assistive Robots
- VII: Intelligent Processing and optimization of Medical Information
- VIII: Neural Decoding in Brain-Computer Interfaces for Diagnosis and Therapy of Brain Disorders

CALL FOR PAPERS

Topics of interest for submission include, but are not limited to:

- Fuzzy System and Fuzzy Control
- AI-driven Automation
- Knowledge Automation
- Industrial Cybersecurity
- Service Robots
- Soft Robots
- Bionic Robots
- Space Robots
- Robot Percept
- Wireless Power Transfer
- New Types of Motors and Electric Drives
- Medical Image Processing and Analysis

KEYNOTE SPEAKERS



Prof. KWONG Sam Tak Wu
Lingnan Univerity, Hong Kong, China



Prof. Xiangyang Ji
Tsinghua University, China

More speakers will be announced soon...

PUBLICATION

Registered and presented full papers will be included in the IARCE 2025 digital conference proceedings (ISBN: 979-8-3315-8960-8), which will be published by IEEE and submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements, and also submitted to major citation databases (including, but not limited to Ei Compendex and Scopus) for review and indexing.



IEEE



Compendex on
Engineering Village

Scopus

Submission Link:

<https://cmt3.research.microsoft.com/IARCE2025>

KEY DATES

Abstract Submission Due: Oct. 5, 2025
Full Paper Submission Due: Oct. 20, 2025

Organized by:



重庆邮电大学
CHONGQING UNIVERSITY OF POSTS AND TELECOMMUNICATIONS

Hosted by:



智能分布式能源专业委员会

Co-organized by:



北京航空航天大学
BEIHANG UNIVERSITY



西南交通大学
Southwest Jiaotong University



中国体视学学会
CHINESE SOCIETY FOR STEREOLOGY

Contact Us

contact@iarce.org