

# The 7th International Conference on Intelligent Robotics and Control Engineering (IRCE 2024)

Xi'an, China  
August 7-9, 2024

The 7th International Conference on Intelligent Robotics and Control Engineering (IRCE 2024) will be hosted in Xi'an, China during August 7-9, 2024. IRCE is co-sponsored by Xi'an University of Technology, China, IEEE and IEEE Robotics and Automation Society, hosted by School of Automation and Information Engineering, Xi'an University of Technology, China. Patrons are Northeastern University, China, Concordia University, Canada, Northeast Electric Power University, China, Nankai University, China, and Tianjin University, China etc..

## Publication



Accepted and presented papers will be included in IRCE Conference Proceedings. The proceedings will be published by **IEEE** and archived in IEEE Xplore, and which will be indexed by **Ei Compendex** and **Scopus**, etc.



☆ IRCE 2024 is included in IEEE event list! ([Read More](#))

### Publication History

- 2023-ISBN: 979-8-3503-2632-1 | [IEEE Xplore](#) | [Ei Compendex](#) & [Scopus](#)
- 2022-ISBN: 978-1-6654-6995-1 | [IEEE Xplore](#) | [Ei Compendex](#) & [Scopus](#)
- 2021-ISBN: 978-1-6654-1347-3 | [IEEE Xplore](#) | [Ei Compendex](#) & [Scopus](#)
- 2020-ISBN: 978-1-7281-8971-0 | [IEEE Xplore](#) | [Ei Compendex](#) & [Scopus](#)
- 2019-ISBN: 978-1-7281-4192-3 | [IEEE Xplore](#) | [Ei Compendex](#) & [Scopus](#)
- 2018-ISBN: 978-1-5386-7415-4 | [IEEE Xplore](#) | [Ei Compendex](#) & [Scopus](#)

☆ Selected papers after registration and proper extension will be recommended to following journals after the conference.



[IET Cyber-systems and Robotics](#)  
ESCIE, EI, Inspec, Scopus,  
DOAJ



[IET Control Theory & Applications](#)  
SCIE, EI, Inspec, Scopus, DOAJ

## Topics

### Intelligent Robotics

Robot design  
Human-robot interaction

### Automations & Control Engineering

Nonlinear systems and control  
Control of biological system  
Optimal control

### Artificial Intelligence

Natural language processing  
Robust/Explainable decisions

More topics, please visit:  
<http://www.irce.org/call-for-papers.html>

## Conference Awards

- Best Student Paper Award
- Best Oral Presentation Award
- Best Poster Presentation Award

## Important Date

- Submission Due: June 5, 2024
- Notification Date: June 28, 2024
- Registration Due: July 8, 2024

## Submission Method

- Online submission system: <http://www.easychair.org/conferences/?conf=irce2024>
- Email Submission: [irce\\_conf@vip.163.com](mailto:irce_conf@vip.163.com)
- More info about submission, please visit: <https://www.irce.org/submission.html>

## Tracks

### Track 1: Artificial Muscles

Chair: Prof. Zunfeng Liu, Nankai University, China

### Track 2: Active Vision and Interaction

Chair: Prof. Lihui Wang, Soochow University, China

### Track 3: Multimodal Soft Tactile Sensor

Chair: Prof. Jun Wu, Southeast University, China

### Track 4: Modeling and Control of Micro Drive Systems

Chair: Prof. Xiuyu Zhang, Northeast Electric Power University, China

Chair: Prof. Zhi Li, Northeastern University, China

### Track 5: Modeling, Optimization and Control of Intelligent Power Generation

Chair: Prof. Shengxian Cao, Northeast Electric Power University, China

Chair: Prof. Zhenhao Tang, Northeast Electric Power University, China

### Track 6: Trusted Collaboration Mechanism for Intelligent Unmanned Vehicles

Chair: Assoc. Prof. Jingjing Guo, Xidian University, China

Chair: Prof. Zhiqian Liu, Jinan University, China

## Keynote Speakers



Prof. Youmin Zhang  
Concordia University, Canada  
IEEE Fellow



Prof. Wei Lin  
Case Western Reserve University, USA  
IEEE Fellow, JSPS Fellow



Prof. Zhen Wang  
Northwestern Polytechnical University, China  
IEEE Fellow, AAIA Fellow

Co-Sponsored by



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XI'AN UNIVERSITY OF TECHNOLOGY



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## Xi'an

