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: 978-8-3503-2632-1 | 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

☆ 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](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: July 1, 2024
- Notification Date: July 16, 2024
- Registration Due: July 22, 2024

**Submission Method**

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

**Tracks**

**Track 1: Artificial Muscles**
Chair: Prof. Zunjiao 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

**Track 5: Modeling, Optimization and Control of Intelligent Power Generation**
Chair: Prof. Shengxian Cao, Northeast Electric Power University, China

**Track 6: Trusted Collaboration Mechanism for Intelligent Unmanned Vehicles**
Chair: Assoc. Prof. Jingjing Guo, Xidian Univeristy, China

**Keynote Speakers**

Prof. Tianyou Chai, Northeastern University, China
Academician of the Chinese Academy of Engineering
IEEE Fellow, IFAC Fellow

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**

[Western University of China](https://www.westernchina.edu.cn)
Concordia University
IEEE Robotics & Automation Society

**Hosted by**

[Xi'an University of Technology](https://www.xjtu.edu.cn)

**Patrons**

[Automation & Information Engineering](https://www.xjtu.edu.cn/)

[IEEE Xplore](https://www.ieee.org)
[IEEE](https://www.ieee.org)
[Ei Compendex](https://www.ei.com)
[Scopus](https://www.scopus.com)
Committees

Honorary Chair
Tianyou Chai, Academician of the Chinese Academy of Engineering, Northeastern University, China

Advisory Committee
Maria Pia Fanti, Polytechnic of Bari, Italy
Aiguo Song, Southeast University, China

Conference Chairs
Chun-Yi Su, Concordia University, Canada
Yingming Yi, Xi’an University of Technology, China

Conference Co-Chair
Xiaokui Yue, Northwestern Polytechnical University, China

Program Chairs
Kin-Chooong Yow, University of Regina, Canada
Debao Zhou, University of Minnesota Duluth, USA
Haiyan Jin, Xi’an University of Technology, China
Xinghua Liu, Xi’an University of Technology, China

Program Co-Chairs
Wei-tian Wang, Montclair State University, USA
Xiaogang Song, Xi’an University of Technology, China
Fei Yan, Xi’an University of Technology, China
Mingqun Li, Beijing Institute of Control Engineering, China

Organizing Chair
Xinyu Zhang, Xi’an University of Technology, China

Organizing Committee
Wenqing Wang, Xi’an University of Technology, China
Zhi Li, Northeastern University, China
Xianghong Xue, Xi’an University of Technology, China
Xiuyu Zhang, Northeast Electric Power University, China
Li Wu, Xi’an University of Technology, China
Bojun Liu, Xi’an University of Technology, China

Publicity Committee
Junli Liang, Northwestern Polytechnical University, China

Middle Left:
Chao Tan, Tianjin University, China
Yifei Pu, Sichuan University, China
Yew Kee Wong, Hong Kong Chu Hai College, China
Xueyan Zhao, South China University of Technology, China
Keke Huang, Central South University, China
Jianguo Wang, Northeast Electric Power University, China
Chenliang Wang, Beihang University, China
Yuzhe Li, Northeastern University, China
Zhiquan Liu, Jinan University, China
Jianbin Liu, Tianjin University, China

Steering Committee Chairs
Lingfang Sun, Vice President, Northeast Electric Power University, China
Shengxian Cao, Northeast Electric Power University, China

Award Chair
Zunfeng Liu, Nankai University, China

Chapter Chairs
Guoheng Zhang, Northwest Minzu University, China
Wei-Ian Wang, Northwest Minzu University, China
Baohui Ma, State Key Laboratory of Large Electric Drive System and Equipment Technology, China

Publication Chairs
Yong Zhong, South China University of Technology, China
Yanfang Liu, Harbin Institute of Technology, China
Yuxing Li, Xi’an University of Technology, China

Technical Program Chairs
Xiaofeng Zong, China University of Geosciences (Wuhan), China
Caisheng Wei, Central South University, China
Yonghua Liu, Guangdong University of Technology, China
Chaobo Chen, Xi’an Technological University, China

Contact
Conference Secretary: Ms. Jane Li
Email: irce_conf@vip.163.com
Tel.: +86-18117806403
Conference Website: www.ice.org