# **Artificial Intelligence and Computing (AIC 2025)**

Xinxiang, China / 22-24 Oct 2025

The First International Conference on Artificial Intelligence and Computing (AIC 2025) will be held in Xinxiang, Henan, China, during 22-24 Oct 2025. AIC 2025 aims to provide a high-level international forum for innovative academics and industrial experts in the fields of artificial intelligence and computing to present their recent research advances. The conference will be featured by keynote speeches given by world-renowned scholars, regular sessions with broad coverage, and special sessions focusing on popular topics.

## **TOPIC AREAS**









- Artificial intelligence
- Algorithmic game theory and mechanism design
- Machine learning theory and algorithms
- Data driven quality and reliability design and improvement
- Intelligent health care and recovery
- Intelligent Manufacturing
- Connectionist theory
- Neurodynamic analysis and neural networks
- Generative models
- Cryptographic applications using artificial neural networks
- Database theory
- Computational complexity
- Fuzzy sets and systems
- Computer vision
- Multi-agent systems
- Natural language processing
- Information systems and technology

- Image processing and multimedia technology
- Software engineering
- Mobile computing
- Distributed systems
- Recommendation system
- Evolutionary computation
- Complex systems
- Large-scale optimization
- **Evolutionary optimization**
- · Data structures design and analysis
- Parameterized complexity and exact algorithms
- · Streaming, sublinear and near linear time algorithms
- Parallel and distributed algorithms
- Algorithm design techniques
- Formal languages and automata theory
- Cryptography
- Cyber and network security
- Intelligent assistive technologies

#### **CONFERENCE COMMITTEE**

#### **Steering Committee Chair**

- Professor Zongben Xu
- Professor Jun Wang

#### **Conference Committee General Chairs**

- Shuxia Feng, Henan Normal University, China
- Yiliu Tu, University of Calgary, Canada

### **Advisory Chairs**

- · Derong Liu, University of Illinois, Chicago, USA
- · Xizhao Wang, Shenzhen University, China
- Sam Kwong, City University of Hong Kong
- Mengchu Zhou, New Jersey Institute of Technology, USA
- Kay Chen Tan, Hong Kong Polytechnic University
- Shane Xie, University of Leeds, UK

## **Program Organizing Chairs**

- Dong Liu, Henan Normal University, China
- Junna Zhang, Henan Normal University, China
- Peiyan Yuan, Henan Normal University, China
- Zhihui Zhan, Nankai University, China
- Weineng Chen, South China University of Technology, China

#### **Special Session Chairs**

- Jeremiah D. Deng, University of Otago, New Zealand
- · Wei Li, University of Kentucky, USA
- · Qiang Yang, Nanjing University of Information Science and Technology, China
- Weijie Yu, Sun Yat-Sen University, China
- Xiaofang Liu, Nankai University, China
- · Jianyu Li, Nankai University, China

#### **Publications Chairs**

- Xiao-Min Hu, Guangdong University of Technology, China
- Yuejiao Gong, South China University of Technology, China
- Yu Bai, Hanyang University, Korea

## **Publicity Chairs**

- · Ying Lin, Sun Yat-Sen University, China
- En Zhang, Henan Normal University, China
- Jian Zhang, University of Calgary, Canada

#### **Registration Chairs**

- Jinghui Zhong, South China University of Technology, China
- Yanhao Chen, Henan Normal University, China
- Jun Ma, MacEwan University, Canada

## **SPECIAL SESSION**

Proposals for Special Sessions within the technical scope of the conference are solicited. Special sessions, to be organized by internationally recognized experts, aim to bring together researchers in special focused topics. Papers submitted for special sessions are peer-reviewed with the same criteria used for the contributed papers. Researchers interested in organizing special sessions are invited to submit formal proposals to AIC 2025. A special session proposal should include the session title, a brief description of the scope and motivation, names, contact information, and brief biographical information on the organizers.

# IMPORTANT DATES

Paper submission deadline:

July 31, 2025

Notification of acceptance:

September 1, 2025

Camera-ready copy & authorregistration: **September 30, 2025** 

### CONTACT

For more information, please Visit: www.aic2025.net

Contact: aic2025.conf@gmail.com