



## **The 1th International Workshop on AI for Multi-modal Learning and Applications**

### **Introduction:**

With the rapid development of artificial intelligence technology and its deep integration in the fields of speech, language and signal processing, this process opens up unprecedented new avenues for research and innovation. In this context, the First International Symposium on Multimodal Learning and Applications has been organized. The workshop aims to bring together experts, researchers and practitioners from different fields such as Artificial Intelligence, Speech Processing, Natural Language Processing and Signal Processing to discuss the latest advances in AI-driven information processing. It will provide a platform to share the latest research results, innovative approaches, and real-world application cases through keynote speeches and peer-reviewed paper presentations by renowned AI experts in order to promote cross-disciplinary collaboration and knowledge exchange. The symposium is dedicated to revealing the cutting-edge methodologies of AI in processing speech, language, and signals and their far-reaching impact on the real world.

### **Topics of Interest:**

We welcome contributions in, but not limited to, the following areas:

- Development of Neural Networks in Information Processing
- Application and Development of Large-Scale Language Models
- Construction and Optimization of Multimodal AI Systems
- Advances in Automatic Speech Recognition and Synthesis
- Technical Challenges in Speech Processing and Spoken Language Understanding
- Methodology of Computational Social Science and Cultural Analysis
- Information Extraction and Knowledge Graph Construction

- Trends in Natural Language Understanding and Generation
- Signal Detection and Augmentation of Practical Case Studies
- New Strategies for Time-Frequency Analysis and Feature Extraction
- Developments in Intelligent Health Surveillance Systems
- Privacy Protection and Security Measures
- Advances in Augmented Learning and Adaptive Systems
- Research on Visual and Linguistic Interaction
- Innovations in Multi-Sensor Fusion Technologies
- Exploration of AI Applications in Edge Computing
- Optimization of Personalized Recommendation Systems
- New Advances in Human-Computer Interaction Interfaces

### **Important Dates:**

- Submission deadline: 30th July 2025
- Review deadline: 15 August 2025
- Acceptance deadline: 30 August 2025
- Camera-ready: 20th September 2025
- Program ready: 15th November 2025

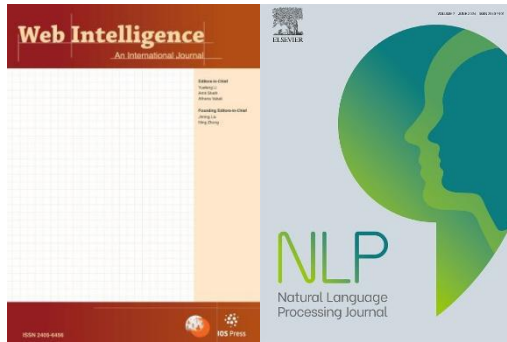
### **Submission Information:**

We invite submissions that are one-page abstracts, short (4 pages)/full (8 pages) papers, case studies, surveys, and technical papers for The International Workshop on AI and Computer Science.

### **Journal Opportunities:**

Accepted papers from this workshop can be invited to publish an extended version in a special issue of:

- Web Intelligence (ESCI)
- <https://www.iospress.com/catalog/journals/web-intelligence>
- Natural Language Processing (ESCI)
- <https://www.sciencedirect.com/journal/natural-language-processing-journal>



## Workshop Awards:

- A Best Paper Award (\$300)
- Two Volunteer Awards (each \$200)
- A Student Traveling Award (\$500)

## Workshop Chair:

Miao Zhang, Hubei University, Wuhan, China

Zhifei Li, Hubei University, Wuhan, China

Shen Xu, Henan University, Henan, China

Should you have any questions or concerns, please do not hesitate to email to:

[zhangmiao@hubu.edu.cn](mailto:zhangmiao@hubu.edu.cn).

Thanks!