



The International Workshop on AI-Driven Information Processing: Advances in Speech, Language, and Signal Analysis

Introduction

As artificial intelligence continues to evolve at a rapid pace, its integration into the processing of speech, language, and signals has opened new avenues for research and innovation. We invite you to join the upcoming workshop on "AI-Driven Information Processing: Advances in Speech, Language, and Signal Analysis." This workshop will bring together experts, researchers, and practitioners from the fields of artificial intelligence, speech processing, natural language processing, and signal processing. The event will feature keynote speeches from renowned AI experts and peer-reviewed paper presentations. Attendees will have the opportunity to share their latest research findings, innovative methodologies, and practical applications, fostering collaboration and knowledge exchange. This workshop aims to explore cutting-edge methodologies and real-world impacts of AI in processing speech, language, and signals.

Topics of Interest:

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

- Advances in Neural Networks for Information Processing
- Large Language Models and Their Applications
- Multimodal AI Systems Combining Speech, Language, and Signal
- Deep Learning for Speech, Language, and Signal Processing
- Automatic Speech Recognition and Speech Synthesis

- Speech Processing and Spoken Language Understanding
- Emotion and Sentiment Analysis in Speech and Text
- Computational Social Science and Cultural Analytics
- Information Extraction and Argument Mining
- Natural Language Understanding and Generation
- Signal Detection, Estimation, and Enhancement
- Time-Frequency Analysis and Feature Extraction
- Audio and Acoustic Signal Processing
- Applied Signal Processing Systems
- AI for IoT and Sensor Data Analysis

Important Dates:

- Submission deadline: 10th September 2024
- Review deadline: 10th October 2024
- Acceptance deadline: 17th October 2024
- Camera-ready: 10th November 2024
- Program ready: 10th December 2024

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 Information Retrieval and Artificial Intelligence.

- https://wi-lab.com/cyberchair/2024/wi24/scripts/submit.php?subarea=S01&undisplay_detail=1&wh=/cyberchair/2024/wi24/scripts/ws_submit.php

Journal Opportunities:

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

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

- The Computational Intelligence Journal
 - <https://onlinelibrary.wiley.com/journal/14678640>

Workshop Awards:

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

Workshop Chair:

Rui Fan, Central China Normal University, Wuhan, China

Honggang Yang, Wuhan University of Technology, Wuhan, China

Qi Xu, Central China Normal University, Wuhan, China

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

fanrui@mails.ccnuc.edu.cn.

Thanks!