

# The 23<sup>rd</sup> IEEE/WIC International Conference on Web Intelligence and Intelligent Agent Technology

9-12 December 2024 | Bangkok, Thailand

A Hybrid Conference with both Online and Offline Modes

## WI-IAT 2024 Workshop Proposal

### Heading

- The International Workshop on Multi-information Fusion - (TIWMF 2024)
- Proposed Duration: Half-day
- Workshop:  
Chair:  
Yizheng Huang, [hyz@yorku.ca](mailto:hyz@yorku.ca)  
Research Lab for Information Retrieval and Knowledge Management  
York University, Toronto, Canada
- Short CV of (co-)chair(s) including past experience in organizing workshops/special session and/or related events

### Introduction

- **Abstract:** The Multi-Information Fusion workshop aims to bring together experts from diverse fields, including architecture, medicine, law, art, engineering, and more, to explore the potential of Artificial Intelligence (AI) techniques in bridging the gap between these areas. The workshop will focus on leveraging the latest AI advancements, such as large language models, to tackle complex problems and improve existing practices in each domain. Furthermore, it will delve into the benefits of multimodal information fusion, combining text, video, audio, and other data types to create innovative solutions. By fostering interdisciplinary collaboration and knowledge sharing, this workshop seeks to inspire novel applications of AI and multimodal information fusion, ultimately driving progress and innovation in various fields.
- **Scope and topics of the workshop:**
  - Multimodal Information Processing
  - Multimodal Fusion
  - Multimodal Retrieval
  - Multimodal Evaluation
  - Domain-specific Information Analysis
  - Domain-specific Generative Enhancement Applications
  - Adaptive Systems
  - Personalized Systems

## **Motivation and Rationale**

The workshop is related to WI-IAT 2024 as it converges AI's potential with various disciplines, aligning with the conference's focus on web intelligence and innovative applications of AI. The topic is timely and important as multi-information fusion can tackle complex, real-world problems that were previously unsolvable, and its applications are increasingly relevant across academia and industry. The workshop may attract more submissions of good quality due to the growing interest in AI's interdisciplinary applications and the potential for innovative solutions. Therefore, it will further enhance the reputation and impact of the WI-IAT conference.

## **Workshop Details**

- Tentative committee lists (organizers, program committee, etc.)
  - Chair: Yizheng Huang
- Expected number of participants and the expected number of submissions
  - 30 students/researchers/industry persons
- A draft call for papers (max 1 page)
  - See the last page
- A description of the publicity and promotion plan
  - Special Issue: Good papers can be recommended to the Web Intelligence Journal and the Natural Language Processing Journal.
- Workshop format planned (keynote, expected number of presented papers, invited talks, panels, demonstrations, etc.)
  - Two Keynotes (20 x 2 = 40 minutes)
  - 6 – 8 Presentations (15 minutes x 8 presentations = 120 minutes)

## **Tentative Internal and External Schedule (Except adjustments by the Chairs to align all workshop/special session schedules)**

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

# Draft Call

## Introduction

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## Topics of Interest:

- Multimodal Information Processing
- Multimodal Fusion
- Multimodal Retrieval
- Multimodal Evaluation
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## Submission Information:

We invite submissions that are one-page abstracts, short/full papers, discussion papers, case studies, surveys, commentaries, and technical papers for The International Workshop on Multi-information Fusion. 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>

## Workshop Chair:

Yizheng Huang, York University, Canada. [hyz@yorku.ca](mailto:hyz@yorku.ca)

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

[hyz@yorku.ca](mailto:hyz@yorku.ca). Thanks!