The International Workshop on Information Retrieval and Artificial Intelligence

Proposed duration : **Full Day**

Workshop Organizers:

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Topics include but are not limited to:

- Search and ranking, including query analysis, web retrieval, retrieval models, effectiveness and scalability, information retrieval theory, etc
- Human computer interaction, including user modeling, social media retrieval, privacy and security, user behavior analysis, etc
- Research on the combination of large models and information retrieval, including retrieval-augmented for large-scale language model and their applications in the field of retrieval
- Applications in vertical fields, including mobile search, social search, structured data search, social computing and multimedia information retrieval; applications in other fields include healthcare, justice, education, etc
- Natural language processing and information retrieval based on graph model and deep learning technology
- Interactive, dynamic, contextual and personalised information retrieval
- Measurement and evaluation in information retrieval, including fairness and bias evaluation, user centered evaluation, system centered evaluation, etc
- Relevance feedback techniques, query expansion
- Code retrieval, cross-modal retrieval and conversational information seeking

Call for Papers:

We cordially invite researchers, practitioners, and industry experts to submit papers showcasing innovative achievements, theoretical frameworks, or practical applications in the fields of information retrieval and artificial intelligence.

Workshop Motivation & Details:

With the rapid advancement of artificial intelligence technologies, there is a growing demand for handling large volumes of data and extracting valuable information.

This workshop aims to gather insights from various fields to facilitate discussions on how to effectively integrate information retrieval and artificial intelligence technologies to enhance information retrieval, improve retrieval system performance, and address critical societal challenges.

Workshop Format:

The workshop will include keynote speeches by renowned artificial intelligence experts, as well as peer-reviewed paper presentations and group discussions, aiming to promoting communication and discussion among the world's top innovators, scientists, scholars, researchers, and thought leaders, and promoting the development and progress of natural language processing and information retrieval.

Additionally, a poster will be incorporated to exhibit emerging research and encourage networking among attendees.