

Preface

This volume contains the proceedings of the MMSR '24 Workshop¹, a full-day workshop held in conjunction with CIKM, on October 25, 2024, in Boise, Idaho, United States. The purpose of this workshop was to explore the latest advancements, challenges, and applications in the field of multimodal search and recommendations.

Search and recommendation systems are nearly ubiquitous and form an integral component of modern enterprises. However, traditional search engines primarily rely on textual queries, supplemented by session and geographical data. In contrast, the advent of large language models (LLMs) like GPT-4o and Gemini has significantly enhanced the potential for multimodal search and recommendations. Multimodal systems create a shared embedding space for text, images, audio, and other modalities, enabling next-generation customer experiences. These advancements lead to more accurate and personalized recommendations, enhancing user satisfaction and engagement.

The contributions included in these proceedings were selected through a rigorous peer-review process conducted by a committee of expert reviewers from major e-commerce companies and leading academic institutions. Each submission was reviewed by at least three reviewers. We received seven submissions, out of which six were accepted for presentation. We extend our gratitude to everyone who submitted a paper to the workshop.

In addition to contributed talks, the workshop featured three invited talks by notable experts in the field:

Vamsi Salaka - Head of Visual Search, Amazon
Yubin Kim - Head of Engineering at Vody
Chirag Shah - Professor, University of Washington

We would like to express our sincere gratitude to the program committee members for their diligent reviews and constructive feedback. Special thanks go to the keynote speakers, authors, and participants who contributed to making this workshop a success. We also acknowledge the support provided by the CIKM organizers.

Finally, we hope that these proceedings will serve as a valuable resource for researchers and practitioners in the emerging but promising field of multimodal search and recommendations.

Aditya Chichani (Walmart)
Surya Kallumadi (Lowe's)
Tracy Holloway King (Adobe)
Andrei Lopatenko (Independent Consultant)

¹For more information about this workshop, visit <https://cikm-mmsr.github.io/>.