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ICMR '26

Proceedings of the 16th ACM International Conference on

Multimedia Retrieval

Sponsored by: **ACM SIGMM**

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Helen (Zi) Huang (The University of Queensland, Australia)

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General Chairs' Welcome

Dear community,

We are delighted to welcome you to ACM ICMR 2026, the 16th ACM International Conference on Multimedia Retrieval, to be held from June 16 to 19, 2026, in Amsterdam, The Netherlands. It is our great pleasure to bring the ICMR community together to the KIT Royal Tropical Institute, a historic venue in the heart of Amsterdam. ACM ICMR 2026 is organized as a primarily on-site conference with the option of hybrid participation, allowing the community to benefit from face-to-face exchange while remaining accessible to colleagues unable to travel.

ACM ICMR remains the premier forum for presenting significant and innovative research in multimedia retrieval and related fields. The 2026 program covers a broad range of topics, including multimedia and multimodal search, retrieval, indexing, recommendation, learning, evaluation, responsible AI, and real-world applications. The conference features keynote talks, oral and interactive presentations, technical demonstrations, grand challenge, tutorials, workshops, panel discussions, and social events that support both scientific exchange and community building. We are grateful to all members of the organizing committee for their dedication and hard work. In particular, we thank the Technical Program Chairs, Lucia Vadicamo, Xirong Li, Pascal Mettes, and Lizi Liao, for leading the technical program with great care and dedication. We thank the Proceedings Chairs, Jelena Tešić and Jiaxin Wu; the Workshop Chairs, Bin Zhu and Zijian Wang; the Demo Chairs, Klaus Schöffmann and Luca Rossetto; the Tutorial Chairs, Cathal Gurrin and Yadan Luo; the Brave New Ideas Chairs, Shin'ichi Satoh and Vasileios Mezaris; the Doctoral Symposium Chairs, Vincent Oria and Jenny Benois-Pineau; the Reproducibility Chairs, Bo Wu and Qiushi Huang; the Publicity Chairs, Jianfeng Dong and Na Zhao; the Local Chairs, Emily Gale and Kevin Koenrads; and the Web Chairs, Gjorgji Strezoski and Gowreesh Mago. Their efforts have been essential in shaping the program and ensuring a smooth conference experience.

We also thank the members of the technical program committee, the senior program committee, the additional reviewers, the workshop organizers, the tutorial speakers, the panelists, the demo and challenge organizers, the authors, and all presenters. Special thanks go to our keynote speakers, Evangelos Kanoulas from the University of Amsterdam and Marcella Cornia from the University of Modena and Reggio Emilia. Their contributions are the foundation of the scientific quality of the conference. We also thank the organizers and participants of MediaEval 2026, co-located with ACM ICMR 2026, and the Grand Challenge on Multimedia Verification for further expanding the conference's engagement with evaluation, benchmarking, and socially relevant multimedia research.

Finally, we extend our sincere thanks to the ICMR Steering Committee, ACM, ACM SIGMM, the sponsoring and organizing institutions, the University of Amsterdam local support team, the conference management team, student volunteers, and all others who have worked behind the scenes to make ACM ICMR 2026 possible. We also thank all authors and participants for their continued commitment to the conference and to the multimedia retrieval community. We hope that ACM ICMR 2026 will provide every participant with new insights, stimulating discussions, and valuable opportunities to build collaborations. We warmly welcome you to Amsterdam and sincerely hope that you enjoy the conference.

Stevan Rudinac, *University of Amsterdam, The Netherlands*

Helen (Zi) Huang, *The University of Queensland, Australia*

Marcel Worring, *University of Amsterdam, The Netherlands*

General Chairs, ACM ICMR 2026

Technical Program Chairs' Welcome

We are pleased to present the technical program of ACM ICMR 2026, the 16th ACM International Conference on Multimedia Retrieval. ACM ICMR is the premier international forum for presenting significant and innovative research in multimedia retrieval and related fields. The scope of the conference covers the search and retrieval of multimedia and multimodal data, including the analysis, understanding, indexing, recommendation, and interaction of image, video, audio, text, sensor, social, and other forms of multimedia content. The 2026 program reflects the rapid development of the field, including advances in multimodal learning, foundation models, fine-grained retrieval, evaluation methodologies, privacy-aware and responsible multimedia retrieval, and real-world applications.

ACM ICMR 2026 received a record number of 932 valid regular paper submissions, including 788 full paper submissions and 144 short paper submissions. The submissions came from institutions across 34 countries and regions, reflecting the ICMR community's global reach. All regular paper submissions underwent a rigorous double-blind review process. Each paper received at least 3 independent reviews, with additional discussion and meta-reviewing. The reviewing process was supported by 90 senior program committee members, 1021 technical program committee members, and 149 additional reviewers.

Submission type	Submitted	Accepted	Acceptance rate
Long Regular Research Papers	788	277	35.2%
Short Regular Research Papers	144	39	27.1%
Total Regular Research Papers	932	316	33.9%

In addition to the regular paper track, the technical program includes contributions from the Brave New Ideas, Doctoral Symposium, Demonstrations and Challenges tracks. These tracks broaden the program by encouraging visionary ideas, supporting early-career researchers, and showcasing working systems around important multimedia retrieval problems. We received 24 submissions across our specialized tracks. After careful review, the Technical Demos track accepted 7 submissions, the Brave New Ideas track accepted 3 submissions, and the Doctoral Symposium accepted 4 submissions. We are also proud to host the MediaEval Multimedia Benchmark and the Multimedia Verification Grand Challenge, which provide critical evaluation platforms for emerging multimodal retrieval tasks.

The program is further enriched by co-located workshops and tutorials. The accepted workshops cover timely topics such as trustworthy vision-language models, lifelog search, intelligent cross-data analysis and retrieval, and multimedia AI against disinformation. Together, these activities provide a diverse and engaging view of current research directions and emerging challenges in multimedia retrieval.

Workshops: (1) LSC'26: The 9th Annual ACM Workshop on the Lifelog Search Challenge; (2) TrustVLM'26: Toward Trustworthy Vision-Language Models in the Wild: Theory, Algorithm and Application; (3) ICDAR'26: The 7th International Workshop on Intelligent Cross-Data Analysis and Retrieval; and (4) MAD'26: The 5th ACM International Workshop on Multimedia AI against Disinformation.

Tutorials: (1) Detecting Distribution Shifts In the Wild: Techniques and Future Perspectives; (2) Fairness in Information Retrieval: An Economic Perspective; and (3) Understand Art & Culture.

We sincerely thank all authors for submitting their work to ACM ICMR 2026 and warmly congratulate the authors of accepted papers. We are deeply grateful to the senior and technical program committees and additional reviewers for their careful and constructive reviews. We also thank the General Chairs, track chairs, workshop and tutorial organizers, keynote speakers, challenge organizers, volunteers, and the entire organizing team for their invaluable support. We hope that you will find the ACM ICMR 2026 technical program inspiring and thought-provoking, and that the conference will stimulate new ideas, discussions, and collaborations across the multimedia retrieval community.

Lucia Vadicamo, *ISTI-CNR, Italy*

Xirong Li, *Renmin University of China, China*

Pascal Mettes, *University of Amsterdam, The Netherlands*

Lizi Liao, *Singapore Management University, Singapore*

Technical Program Chairs, ACM ICMR 2026