

A Word from the Technical Program Chairs

We are delighted to announce the technical program for the 16th ACM Multimedia Systems Conference (MMSys'25). While other venues focus on specific aspects related to multimedia systems, MMSys serves as an inclusive and interdisciplinary forum, spanning a broad range of topics related to multimedia systems such as networking, operating systems, real-time systems, databases, mobile computing, distributed systems, computer vision, and middleware communities. This provides a unique opportunity to investigate the intersections and the interplay of the various approaches and solutions developed across these domains.

For the 16th edition, MMSys received 79 research track submissions. Thanks to the hard and valuable work of our international Technical Program Committee (TPC) members, each submission underwent a rigorous double-blind review process and received at least three high-quality reviews. MMSys employs a two-round submission approach, with the first round in September and the second round in November. Authors from the first round had the opportunity to revise their work based on initial reviews before resubmitting in the second round. All submissions and revisions were carefully evaluated based on the review feedback with an emphasis on novelty, quality and relation to the conference. Further, all accepted papers were carefully shepherded before the final camera-ready submission. Ultimately, 19 submissions were accepted (including 2 from the first round), resulting in an acceptance rate of 24%.

In addition to the research track, MMSys'25 hosts three more tracks, which have their own chairs and program committees:

- The open-source software and datasets (ODS) track accepted 13 submissions. The ODS track enables the sharing of data and code to allow others to replicate research results and further advance the respective research field.
- The demo and industry track accepted 8 submissions with the aim to bridge the gap between research and industry by showcasing demonstrations of innovative multimedia systems concepts.
- The doctoral symposium accepted 2 submissions (only 1 with publication) and targets students being enrolled toward a doctoral degree in a field relevant to the themes of MMSys.

True to our scope of interdisciplinary topics on multimedia systems, the program covers a wide range of themes, including research on Virtual Reality and Immersive Experiences, Adaptive Streaming, Quality of Experience, Point Cloud and Volumetric Video Streaming, 3D Scene Representation and Compression, and Advances in Video Streaming and Security.

We thank all authors, the technical program committee, and everyone involved in the submission process. Your efforts in submitting and reviewing papers are greatly appreciated and resulted in a high quality program of ACM MMSys 2025.

We hope that you enjoy the 16th edition of the ACM MMSys conference and that it gives you new insights into the field of multimedia systems as well as many fruitful meetings and interactions with prominent researchers from around the world.

Program Chairs

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