ACM MMSys 2022
Athlone, Ireland

CALL FOR PAPERS

"Enabling New Horizons for the Media Ecosystem"

The 13th ACM Multimedia Systems Conference (and associated workshops: MMVE 2022, NOSSDAV 2022, GameSys 2022) will be held from 14th-17th June 2022 in Athlone, Ireland. MMSys 2022 will provide a warm welcome to leading experts from academia and industry to present and share their latest research findings in multimedia systems. While research about specific aspects of multimedia systems are regularly published in the various proceedings and transactions of the networking, operating systems, real-time systems, databases, mobile computing, distributed systems, computer vision, and middleware communities, MMSys aims to cut across these domains in the context of multimedia data types. This provides a unique opportunity to investigate the intersections and the interplay of the various approaches and solutions developed across these domains.

Conference Topics

The topics of interest include but are not limited to:

- Content preparation and (adaptive) delivery systems
- high dynamic range (HDR)
- Games, virtual/augmented/mixed/extended reality
- 3D video
- Immersive media systems
- Plenoptics
- 360-degree video
- Network virtualisation
- AI Driven (or powered) Multimedia Systems
- Multimedia and the Internet of Things (IoT)
- GPGPUs
- Mobile multimedia and 5G/6G
- Wearable multimedia
- Peer-to-Peer (P2P) or hybrid systems
- Cloud-based multimedia
- Digital twins
- Cyber-physical systems
- Multi-sensory experiences
- Smart cities
- Autonomous multimedia systems
- Quality of experience (QoE)
- Machine & Deep learning and statistical modelling for media processing and distribution
- Volumetric media: from capture to consumption

IMPORTANT DATES (Research Track):

- Full Paper Submission: January 21st, 2022
- Acceptance Notification: March 2nd, 2022
- Camera Ready Deadline: April 1st, 2022
- Conference: June 14th - 17th, 2022

Submission Instructions

MMSys papers enable authors to present entire multimedia systems or research work that builds on considerable amounts of earlier work in a self-contained manner. MMSys papers are published in the ACM Digital Library. Papers can be up to 12 pages long (PDF format) prepared in the ACM style and written in English. All submissions will be double-blind peer-reviewed by at least three TPC members and will be evaluated for their scientific quality. Authors will have a chance to submit their rebuttals before online discussions among the TPC members. MMSys 2022 will continue the ACM SIGMM tradition of publishing open datasets and supporting scientific reproducibility, by implementing the ACM reproducibility badge system. All accepted papers authors will be invited (by Reproducibility Chairs) to make their dataset and code available, and thus, obtaining an ACM badge (visible at the ACM DL). The additional material will be published as Appendixes, with no effect on the final page count for papers.

Submission System

- https://mmsys2022research.hotcrp.com/

General Chairs

- Niall Murray (Technological University of the Shannon, Ireland)
- Mylene Farais (University of Brasilia, Brazil)
- Gwendal Simon (Synamedia, France)

Technical Programme Chairs

- Mario Montagud (University of Valencia and i2CAT Foundation, Spain)
- Irene Viola (Centrum Wiskunde & Informatica, Netherlands)

www.MMSys2022.ie

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