

Call for Papers and Proposals

ICME 2023

10-14 July 2023 • Brisbane, Australia



The IEEE International Conference on Multimedia & Expo (ICME) has been the flagship multimedia conference sponsored by four IEEE societies since 2000. It aims at promoting exchange of the latest advances in multimedia technologies, systems, and applications from both the research and development perspectives. ICME attracts well over 1000 submissions each year, serving as the prime forum for the dissemination of knowledge in the multimedia field.

ICME 2023 will be held in Brisbane, Australia from July 10-14, 2023. ICME 2023 will convene leading researchers and practitioners to share the latest developments and advances in the discipline. The conference will showcase high quality oral and poster presentations, as well as relevant Workshops sponsored by IEEE societies. An exposition of multimedia products, animations and industries will be also held in conjunction with the conference. Moreover, in ICME 2023 exceptional papers and contributors will be selected and recognized with prestigious awards.

Topics of interest include (but are not limited to)

- 3D multimedia, AR/VR and Immersive media
- Emerging multimedia applications and technologies
- Artificial Intelligence/Machine Learning based Multimedia
- Image and Video processing
- Multimedia analysis and understanding
- Multimedia communications, networking and mobility
- Multimedia databases and data mining
- Multimedia quality assessment and metrics
- Multimedia security, privacy and forensics
- Multimedia standards, trends and related research
- Multi-modal media computing, interaction, and human-machine interaction
- Social media analysis and applications
- Speech/audio processing

Important Dates

Regular Paper Submission
December 11, 2022

Special Session Proposals
November 20, 2022

Panel Proposals
November 20, 2022

**Industry Technology
Workshop Proposals**
November 20, 2022

Grand Challenge Proposals
November 20, 2022

Workshop Proposals
November 20, 2022

Tutorial Proposals
November 20, 2022

Workshop Paper Submissions
March 12, 2023

IEEE International Conference
on Multimedia & Expo

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2023.ieeeicme.org

General Chairs

Ambarish Natu (Australian Government, Australia)
Shan Liu (Tencent, China)
Zhu Li (University of Missouri, USA)

Technical Program Chairs

Patrick Le Callet (University of Nantes, France)
Yuxin Peng (Peking University, China)
Tong Zhang (Intel Inc., USA)
Yuming Fang (Jiangxi University of Finance and Economics, China)
Jiantao Zhou (University of Macau, China)

Special Sessions Chairs

Frederic Dufaux (CNRS, France)
Pradeep Atrey (University of Albany, USA)

Plenary Chairs

Ro Yong Man (KAIST, South Korea)
Marta Mrak (BBC, UK)

Tutorial Chairs

Pablo Cesar (CWI, Netherlands)
Duan Lingyu (Peking University, China)
Federica Battisti (University of Padova, Italy)

Panel Chairs

Z Jane Wang (University of British Columbia, Canada)
Ioannis Katsavounidis (Meta Inc, USA)

Exhibits and Demos Chairs

Xiaojun Chang (University of Technology, Australia)
Reji Matthew (University of New South Wales, Australia)
Lu Fang (Tsinghua University, China)

Innovation Program (Industry) Chairs

Jingning Han (Google, USA)
Ying Li (PepsiCo Inc)
Jianle Chen (Qualcomm, USA)
Sanjeev Mehrotra (Microsoft, USA)

Industry Liaison Chair

Vanessa Testoni (Samsung, Brazil)

Grand Challenges Chairs

Ning Xu (Snap Inc, USA)
Lingfen Sun (Plymouth University, UK)
Vlad Zaharchenko (FutureWei Technologies, USA)
Jiaying Liu (Peking University, China)

Workshop Chairs

Manoranjan Paul (Charles Stuart University, Australia)
Maggie Zhu (Purdue University, USA)

Awards Chairs

Aggelos Katragelos (Northwestern University, USA)
Stefano Tubaro (Politecnico Milano, Italy)

Publicity Chairs

Wen Ji (Chinese Academy of Sciences, China)
Atlas Wang (Texas A&M University, USA)

Finance Chair

Zhiyong Wang (University of Sydney, Australia)

Registration Chair

Jeta Vedi (Department of Defence, Australia)

Publication Chair

Aous Naman (University of New South Wales, Australia)

IEEE Student & Young Professionals Activities Chair

Liang Zheng (Australian National University, Australia)

Local Arrangements Chair

Brian Lovell (University of Queensland, Australia)
Clinton Fookes (Queensland University of Technology, Australia)
Mohammad Awrangjeb (Griffith University, Australia)

Website and Social Media Chairs

Mohammed Asikuzzman (Lockheed Martin Australia)
Anthony Jones (Department of Defence, Australia)