

Call for papers

Multimedia Computing and Communications Symposium (MCC)

IEEE ICNC 2023

Honolulu, Hawaii, USA, Feb 20-22, 2023

<http://www.conf-icnc.org/2023>

Symposium Co-Chairs

Luigi Atzori, University of Cagliari, Italy (l.atzori@unica.it)

Guosen Yue, Google LLC, USA (yueguosen@gmail.com)

Scope

The Multimedia Computing and Communication (MCC) Symposium focuses on topics related to all aspects of theoretical advancements and/or practical contributions to the field of Multimedia Systems, Multimedia Understanding, and Multimedia Experience. Of special interest are papers that report on complete multimedia systems with real-world experimental results, real data sets and reproducible research. The specific topics of interest include, but are not limited to, the following:

- Performance, quality of service (QoS), and quality of experience (QoE) in multimedia applications
- Human-centered multimedia
- Multimedia crowdsourcing applications
- 360 degree, multiview, panoramic, and tiled video
- 3D, virtual/augmented reality, VFX, and immersive multimedia
- Video conferencing, remote collaboration, and telepresence
- Multimedia coding and streaming
- Deep learning/machine learning/AI for multimedia
- Social multimedia and social signals
- Multimedia big data, large-scale multimedia indexing and ranking
- Knowledge discovery from massive multimedia data
- Multimedia and multi-modal analysis for vision applications
- Multimodal/multisensor 360 degree video content analysis
- Multimedia systems, communications, transport, networking, and delivery
- Mobile, wireless, 4G, 5G, Low-Power Wide-Area Network (LPWAN), and LiFi multimedia
- Gesture- and tangible-based interaction
- Multi-device and multi-display interaction
- Wearable devices in multimedia systems and applications
- Software-Defined Networking (SDN) and Software-Defined Everything (SDx) support for multimedia systems
- QoE-aware multimedia service management
- Multimedia systems for IoT
- Multimedia middleware

Submission Guidelines

Perspective authors should follow the instructions at <http://www.conf-icnc.org/2023/author.htm> to prepare

their manuscripts. All papers should be submitted via EDAS. Submission information can be found at <http://www.conf-icnc.org/2023/cfp.htm>.

Short Biographies of Co-Chairs

Luigi Atzori (PhD, 2000) is a professor with Telecommunications at the University of Cagliari, where he leads the activities of the Net4U laboratory (Network for Humans) with around 20 affiliated researchers. Since 2018, he has been the coordinator of the master degree course in Internet Technology Engineering at the University of Cagliari. His research interests fall in the area of Internet of Things (IoT), with particular reference to the design of effective algorithms for the realization of social networks among connected devices to create the Social IoT paradigm. His interests also falls in the area of Quality of Experience (QoE), with particular application to the management of services and resources in new generation networks for multimedia communications. Lately, he also applies the study of QoE to IoT services. He serves regularly in the conference organizing committee of the sector and as associate and guest editor of several international journals (such as IEEE IoT journal, Ad Hoc Networks, IEEE IEEE Open Journal of the Communications Society, IEEE Communications Magazine).

Guosen Yue received the Ph.D. degree in electrical engineering from Texas A&M University, College Station, TX, USA, in 2004. He was a Senior Research Staff with NEC Laboratories America, Princeton, NJ, USA, where he conducted research on broadband wireless systems and mobile networks. From 2013 to 2015, he was with Broadcom Corporation as a System Design Scientist. From 2015 to 2022, he was a Principal Engineer with Futurewei Technologies, Bridgewater, NJ, USA. Currently, he is with Google LLC. His research interests are in the general areas of wireless communications and signal processing. Dr. Yue has served as an Associate Editor of the IEEE Transactions on Wireless Communications. He also served as the Symposium Co-Chair for IEEE GlobeCom 2019 and IEEE ICC 2010, the Track Co-Chair for IEEE ICCCN 2008, and the Steering Committee Member for IEEE RWS 2009.