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| Technical Committee on Multimedia Computing (TCMC)<https://tc.computer.org/tcmc/>**Welcome to the August 2022 edition of the IEEE-TCMC monthly newsletter**To join TCMC: <https://www.computer.org/communities/technical-committees/tcmc> |
| This month's topics include:Call for Papers:* IEEE ICME 2023
* IEEE AIVR 2022
* IEEE BigMM 2022
* IEEE ISM 2022
* IJMDEM
* IEEE MultiMedia (Impact Factor: 5.633)
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| **Call for Papers** |
| IEEE International Conference on Multimedia and ExpoBrisbane, Australia, July 10-14, 2023 2023.ieeeicme.orgThe IEEE International Conference on Multimedia & Expo (ICME) has been the flagship multimedia conference sponsored by four IEEE societies since 2000. 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/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 and human-machine interaction; Social media analysis and applications; Speech/audio processing. ***Important Dates**** Regular Paper Submission: Dec. 11, 2022
* Submission of proposals: Nov. 20, 2022
	+ Special Session/Panel/Industry Technology Workshop/Grand Challenge/Workshop/Tutorial
* Workshop Paper Submission: Mar. 12, 2023

IEEE 5th International Conference on Artificial Intelligence & Virtual Reality (AIVR 2022)December 12-14, 2022 (online plus on-location satellite events)<http://ieee-aivr.org>IEEE AIVR is a unique event, addressing researchers and industries from all areas of AI as well as Virtual, Augmented, and Mixed Reality. Please refer to the conference’s website for areas of interest. Prospective authors are invited to submit papers to the following tracks: Technical papers (4-8 pages), posters/work-in-progress (2-4 pages), industry papers (2-4 pages), and demos/videos (2 pages). Accepted papers in all of these tracks will be archived in the IEEE Xplore Digital Library. ***Important Dates:*** * Submission for all tracks (tentative): August 22, 2022
* Acceptance notifications (all tracks): Early October 2022

IEEE International Conference on Multimedia Big Data (BigMM 2022)Naples, Italy, Dec. 5-7, 2022<https://www.bigmm.org/>BigMM provides a unique opportunity to view the intersections and interplay of the various approaches and solutions developed to deal with multimedia big data types. Furthermore, BigMM provides an avenue for communicating research that addresses both multimedia and big data holistically. The mission of the conference is to share research results and solutions and to identify new issues and directions for future research and development work.***Important Dates:**** Workshop Paper Submission: September 22, 2022 PDT
* Camera Ready and Registration (Main Conference): October 29, 2022 PDT
* Camera Ready and Registration (Workshops): November 5, 2022 PDT
 | 24th IEEE International Symposium on Multimedia (ISM 2022)Naples, Italy, Dec. 5 – 7, 2022<https://www.ieee-ism.org/>The technical program of ISM2022 will consist of invited talks, paper presentations, and panel discussions. Topics for submission include but are not limited to: Systems and Architectures; Communications and Streaming; Multimedia Interfaces; Media Coding, Processing, and Quality Measurement; Multimedia Security and Forensics; Content Understanding, Modeling, Management, and Retrieval; Mobile Media; and Applications. ***Important Dates:**** Workshop Paper Submission: September 22, 2022 PDT
* Camera Ready and Registration (Main Conference): October 29, 2022 PDT
* Camera Ready and Registration (Workshops): November 5, 2022 PDT

International Journal of Multimedia Data Engineering and Management[www.igi-global.com/ijmdem](http://www.igi-global.com/ijmdem)submission: <http://www.igi-global.com/authorseditors/titlesubmission/newproject.aspx>Prospective authors are invited to submit manuscripts for possible publication in the International Journal of Multimedia Data Engineering and Management (IJMDEM).Topics to be included (but not limited) are: * Content understanding and analytics
* Content-based retrieval (image, video, audio, etc.)
* Deep learning/machine learning/data mining
* Internet of multimedia things
* Media representation, processing and quality measurement
* Mobile media
* Multimedia applications
* Multimedia data engineering
* Multimedia data modeling
* Multimedia databases/data management
* Multimedia networking, communications and streaming
* Multimedia systems and infrastructures
* New standards
* Security support for multimedia data

***Editor-in-Chief***Chengcui Zhang (University of Alabama at Birmingham) and Shu-Ching Chen (Florida International University, USA)IEEE MultiMedia**Impact Factor: 5.633**<https://publications.computer.org/multimedia-magazine/>IEEE MultiMedia magazine seeks original articles discussing research and advanced practices in hardware and software, spanning the range from theory to working systems. We encourage our authors to write in a conversational style, presenting even technical material clearly and simply. Articles submitted to IEEE MultiMedia should not exceed 6,500 words, including all text, the abstract, keywords, bibliography, and biographies. Each table and figure counts for 200 words. Please limit the number of references to the 12 most relevant. For more information and instructions on presentation and formatting, please see our [author guidelines](https://www.computer.org/web/peer-review/magazines) (<https://www.computer.org/web/peer-review/magazines>). Please submit through [ScholarOne Manuscripts](https://mc.manuscriptcentral.com/mm-cs) (<https://mc.manuscriptcentral.com/mm-cs>).***Editor-in-Chief***Shu-Ching Chen, Florida International University, USAchens@cs.fiu.edu |
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| **We welcome all our members to contribute information/announcements to the TCMC Newsletter.** |
| **Chair****Dr. Chengcui Zhang**University of Alabama at Birmingham | **Secretary and Newsletter Editor****Dr. Min Chen**University of Washington Bothell |
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