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| Technical Committee on Multimedia Computing (TCMC)<https://tc.computer.org/tcmc/>**Welcome to the July 2020 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 AIVR 2020 (deadline extended)
* IEEE ISM 2020
* IEEE MultiMedia (Impact Factor: 4.962)
* IJMDEM
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| **Call for Papers** |
| 3rd IEEE International Conference on Artificial Intelligence & Virtual Reality (AIVR 2020)Utecht, The Netherlands, Dec 14-16, 2020 <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. It provides an international forum for the exchange between those fields, to present advances in the state of the art, identify emerging research topics, and together define the future of these exciting research domains. We invite researchers from Virtual, as well as Augmented Reality (AR) and Mixed Reality (MR) to participate and submit their work to the program. Likewise, any work on AI that has a relation to any of these fields or potential for the usage in any of them is welcome. Areas of interest include but are not limited to: Systems, including techniques, performance, and implementation; Content creation and modelling; Cognitive aspects, perception, user behavior; AI technologies for VR/AR; Interactions / interactive and responsive environments; Applications and use cases; Ethical and societal aspects of AI and VR/AR.***Important Dates:**** Submission Deadline (full & short papers): August 3rd, 2020 (extended & final deadline)
* Special session papers, Posters & work-in-progress, Demo/video papers, Industry contributions: September 4th, 2020
* Workshop papers: September 24th, 2020

22nd IEEE International Symposium on Multimedia (ISM 2020)Naples, Italy, Dec. 2-4, 2020<https://www.ieee-ism.org/>IEEE ISM is the flagship conference of IEEE Technical Committee on Multimedia (TCMC) and an international forum for researchers to exchange information regarding advances in the state of the art and practice of multimedia computing, as well as to identify the emerging research topics and define the future of multimedia computing. The technical program of ISM2020 will consist of invited talks, paper presentations, and panel discussions. Submissions are solicited for full papers, short papers, and workshop papers. 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:**** Paper Submission: August 10, 2020
* Workshop Paper Submission Deadline: September 29, 2020
* Final Paper Submission: October 30, 2020
 | IEEE MultiMedia**Impact Factor: 4.962**<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.eduInternational 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) |
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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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