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| Technical Committee on Multimedia Computing (TCMC)<https://www.computer.org/web/tcmc/index>**Welcome to the December 2016 edition of the IEEE-TCMC monthly newsletter**To join TCMC: <https://www.computer.org/web/tcmc/join-tcmc> |
| This month's topics include:Call for Papers:        IEEE BigMM 2017 – Deadline Approaching!        IEEE ICME 2017 Workshops        CBMI 2017        JVCI Special Issue: Data-driven Multimedia Forensics and Security |
| **Call for Papers** |
| cid:image006.jpg@01D24A57.F02459D0**IEEE International Conferenceon Multimedia Big Data (BigMM)**<http://bigmm.eecs.uci.edu/call_papers.html>All papers will be included in the IEEExplore and indexed by EI. Authors of high quality papers will be invited to submit an extended version to International Journal of Multimedia Data Engineering and Management.Topics include, but are not limited to:        New theory and models for multimedia computing       Ultra-high efficiency compression, coding and transmission of multimedia big data       Content analysis and data mining       Semantic retrieval       Deep learning and cloud computing       Green computing for multimedia big data (e.g., high efficiency storage)       Security and privacy in multimedia data       Interaction, access, visualization of multimedia data       Multimedia systems       Novel and incentive applications of multimedia data in various fields Important Dates:       Regular Paper Submission: January 6, 2017 (extended)       Short Paper Submission: January 6, 2017 (extended)       Industry Paper Submission: January 6, 2017 (extended)       Demo Paper Submission: January 6, 2017 (extended)ICME 2017**IEEE International Conference on Multimedia and Expo** [**http://www.icme2017.org/call-for-papers/**](http://www.icme2017.org/call-for-papers/)IEEE International Conference on Multimedia & Expo (ICME) has been the flagship multimedia conference sponsored by four IEEE societies since 2000. Ten workshops will be held in conjunction with ICME 2017:       [4th IEEE International Workshop on Mobile Multimedia Computing (MMC 2017)](http://mclab.citi.sinica.edu.tw/open/mmc2017/)       The Second Workshop on Human Identification in Multimedia (HIM’17)       International Workshop on Emerging Multimedia Systems and Applications       Multimedia and the Cloud       Multimedia Streaming in Information-/Content-Centric Networks (MuSIC)       8th Workshop on Hot Topics in 3D Multimedia (Hot3D)       International Workshop on Multimedia Artworks Analysis (MMArt 2017)       Deep Learning for Intelligent Multimedia Analytics       Large Scale 3D Human Activity Analysis Challenge in Depth Videos       Multimedia Services and Technologies for E-health (MUST-EH 2017)***Important Dates:***       Workshop Paper Submission: February 27, 2016        Workshop Days: July 10 and July 14, 2017 | cid:image005.jpg@01D24A59.5E611090**International Workshop on Content-Based Multimedia Indexing (CBMI 2017)**<http://cbmi2017.micc.unifi.it>CBMI aims at bringing together the various communities involved in all aspects of content-based multimedia indexing for retrieval, browsing, management, visualization and analytics. The scientific program will include invited keynote talks and regular, special and demo sessions.Authors are encouraged to submit previously unpublished research papers in the broad field of content-based multimedia indexing and applications. We wish to highlight significant contributions addressing the main problem of search and retrieval but also the related and equally important issues of multimedia content management, user interaction, large-scale search, learning in retrieval, social media indexing and retrieval. Additional special sessions are planned in areas such as deep learning for retrieval, social media retrieval, cultural heritage, surveillance and security. The CBMI proceedings are traditionally indexed and distributed by IEEE Xplore and ACM DL. In addition, authors of the best papers of the conference will be invited to submit extended versions of their contributions to a special issue of Multimedia Tools and Applications journal.***Important Dates:***         Submission: February 28, 2017         Notification of Acceptance: April 10, 2017         Camera-Ready Submission: April 21, 2017cid:image009.png@01D24A57.F02459D0**Special Issue on Data-driven Multimedia Forensics and Security**<http://tinyurl.com/zd4cgtf>This Special Issue invites researchers in all related fields (including but not limited to image and video signal processing, machine learning, computer vision and pattern recognition, cyber security, digital forensics) to join us in a quest for pinpointing the next-generation image and video forensics and security solutions of tomorrow, capable of processing image and video data using the recently-developed deep learning paradigm and other new modelling and learning techniques. ALL submissions must highlight their machine-learning based approach and discuss how their solutions deal with large collections of data. The core data used in your work should be visual data (images and videos). Video data may also include RGB, IR, and depth data. ***Important Dates:***         Paper Submission: February 28th, 2017          1st. Round of Reviews: May 15th, 2017          Authors Revised Versions: June 30th, 2017          2nd Round of Reviews: August 30th, 2017          Authors Revised Versions: Sept. 30th, 2017          Expected Decision: Mid October, 2017          Expected Publication: Nov./Dec., 2017 |
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| **We welcome all our members to contribute information/announcements to the TCMC Newsletter.** |
| **Chair****Dr. Mei-Ling Shyu**University of Miami | **Secretary and Newsletter Editor****Dr. Min Chen**University of Washington Bothell |
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