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| Technical Committee on Multimedia Computing (TCMC) <https://www.computer.org/web/tcmc/index>  **Welcome to the January 2019 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 MultiMedia * IJMDEM * IEEE TMM Special Issue on IML * IEEE ICME 2019   Call for Participation   * IEEE MIPR 2019   Call for Conference Proposals   * IEEE ICME 2021/2022   Call for Nominations   * TMM Best Paper Award | | |
| **Call for Papers** | | |
| IEEE MultiMedia  <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, USA  [chens@cs.fiu.edu](mailto:chens@cs.fiu.edu)    [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***  Yonghong Tian (Peking University, China) and Shu-Ching Chen (Florida International University, USA) | IEEE Transactions on Multimedia **Special Issue on Multimedia Computing with Interpretable Machine Learning** **Paper submission deadline**: March 31, 2019  This special issue is designed to broadly engage the machine learning and multimedia communities on this emerging yet challenging topic -- tying together many threads which are deeply related but often considered in isolation. Papers should be formatted according to: <http://www.signalprocessingsociety.org/tmm/tmm-author-info/>  Manuscripts should be submitted electronically at: <http://mc.manuscriptcentral.com/tmm-ieee>  When selecting a manuscript type, the authors must choose IML Special Issue.  ***GUEST EDITORS***   * Yonghong Tian, Peking University, China * Susanne Boll, University of Oldenburg, Germany * Rainer Lienhart, University of Augsburg, Germany * Zhu Liu, AT&T Labs Research, USA * Cees Snoek, University of Amsterdam, The Netherlands * Jingdong Wang, Microsoft Research Asia, China     http://www.icme2019.org/  The IEEE International Conference on Multimedia & Expo (ICME) has been the flagship multimedia conference sponsored by four IEEE societies since 2000. It serves as a forum to promote the exchange of the latest advances in multimedia technologies, systems, and applications from both the research and development perspectives of the circuits and systems, communications, computer, and signal processing communities. ICME 2019 will showcase high quality oral and poster presentations and demonstration sessions. It will also feature IEEE societies sponsored Workshops.  The conference plans to select and recognize one diamond and several platinum paper awards. A number of other awards sponsored by industry and institutions will also be offered.  ***Important Dates:***   * Workshop/Demo/Industry/GC Papers Submission: March 25, 2019 | |
| **Call for Participation**  **The Second (2019) IEEE International Conference on Multimedia Information Processing and Retrieval (MIPR'19)**  <http://www.ieee-mipr.org>  March 28-30, 2019, San Jose, CA, USA  Early registration: Feb 8, 2019 ( <http://www.ieee-mipr.org/registration.html> )  ***Highlights***  **Keynote Speakers**  \* John Apostolopoulos, CTO/VP of Enterprise Networking Business, Cisco  \* Danny Lange, VP of AI, Unity  \* Ruzena Bajcsy, Professor, University of California, Berkeley  **Innovation Forums**  \* The Latest Advances in Computer Vision & Its Applications  Moderator: Ting Yu, Google; Speakers: Mei Han (PingAn Technology), Jason Xu (DiDi Labs), Ming-Hsuan Yang (Google Cloud AI)  \* The Future of NLP/Audio Technology  Moderator: Sunil Bharitkar, HP Labs; Speakers: Phil Hilmes (Lab126), Vivek Kumar (Dolby Labs), Panayiotis G. Georgiou (University of Southern California)  \* Towards Autonomous Driving  Moderator: Yu Huang, Singulato; Spearers: Xianqiao Tong (Roadstar.ai), Hao Jiang (Microsoft Cloud & AI), Junwei Bao (Innovusion), Shiyu Song (Baidu), Chang Yuan (Foresight AI)  \* Next-Generation Video & Display Technology  Moderator: Scott Daly, Dolby Labs; Speakers: Mylene Farias (University Brazil), Tao Chen (Dolby Labs), Marina Zannoli (Oculus), Aldo Badano (FDA), Ronan Boitard (MTT)  \* The Imminent Trends of Video Compression  Moderator: Shan Liu, Tencent; Speakers: Jim Bankoski (Google), Benjamin Bross (Heinrich Hertz Institute), Jill M. Boyce (Intel), Ali Tabatabai (Sony)  \* The State-of-the-art Development of VR/AR  Moderator: Haricharan Lakshman, Dolby Labs; Speakers: Daniel Kopeinigg (JauntXR), Sam Tsai (Facebook), Shlomo Dubnov (UCSD), Phil Chou (Google) | | |
| **Call for Conference Proposals**  **IEEE ICME 2021 or 2022 conference**  Call for proposals are open to organize IEEE ICME 2021 or 2022 conference. Please notify the Steering Committee of your intent to propose via an email to Steering Committee Chair Dr. Yap-Peng Tan at [eyptan@ntu.edu.sg](mailto:eyptan@ntu.edu.sg) by **February 15, 2019**.  The conference organizing team is advised to incorporate into their proposal the following items: 1. Proposed Dates (approximately mid-year of 2021 or 2022, preferable July); 2. Organizing Committee Members; 3. Proposed budget (for advice on building an IEEE budget please contact [sps-confproposals@ieee.org](mailto:sps-confproposals@ieee.org)); 4. Support that can be anticipated from the local government, universities and or corporations; 5. Reasons for the proposed conference’s location. | | |
| **Call for Nominations**  **IEEE Transactions on Multimedia 2019 Prize Paper Award**  The nominations for IEEE Transactions on Multimedia 2019 Prize Paper Award is open. Any paper published in T-MM in 2016, 2017, or 2018 is eligible. Nominations should be sent to the T-MM Editor-in-Chief Prof. Wenwu Zhu ([wwzhu@tsinghua.edu.cn](mailto:wwzhu@tsinghua.edu.cn)) no later than **15-Mar-2019.**  Nominations should include: 1. Nominator; 2. Bibliographic information for the paper; 3. A short statement of support (less than 500 words) explaining the rationale for the nomination. Judging shall be on the bases of originality, subject matter, timeliness, potential impact, and presentation quality. | | |
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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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