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| Technical Committee on Multimedia Computing (TCMC)<https://www.computer.org/web/tcmc/index>**Welcome to the May 2017 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 ISM 2017
* MTAP Special Issue on Ubiquitous Visual Surveillance for Public Security
* ACM TOMM Special Issue on Delay-Sensitive Video Computing in the Cloud
* IEEE Access: Visual Surveillance and Biometrics: Practices, Challenges, and Possibilities

Call for Participants:* Low-Power Image Recognition Challenge
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| **Call for Papers** |
| <http://ism2017.asia.edu.tw/>The 19th IEEE International Symposium on Multimedia (ISM2017) 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 ISM2017 will consist of invited talks, paper presentations, and panel discussions. Submissions are solicited for full papers and workshop papers. ***Important Dates:**** Paper submission due: July 15, 2017
* Notification to authors: August 25, 2017
* Camera-ready paper due: September 15, 2017
* Author registration due: September 15, 2017
* Symposium: December 11-13, 2017

With the increasing sophistication and diversity of threats of crime and terrorism to public security, it is critical for the research community to develop and deploy reliable, secure, and efficient visual surveillance applications in smart cities (the focus of the special issue). When designing the next generation security solutions, we need to consider and integrate existing technological trends. For example, the convergence of cloud computing and smart networked cameras is vital for developing such intelligent surveillance systems. This special issue will serve as a platform to publish state-of-the-art advancements in this domain of research.**Submission procedure:**<http://www.editorialmanager.com/mtap/>Selecting the Article Type as: ‘1089 - Ubiquitous Visual Surveillance for Public Security’.  Important Dates:* Article submission due: September 30, 2017
* First round notification: December 15, 2017
* Revised article submission: February 28, 2018
* Notification of final decision: April 30, 2018
 | ACM Transactions on Multimedia Computing, Communications, and Applications**Special Issue on Delay Sensitive Video Computing in the Cloud**<http://tomm.acm.org/ACM-TOMM-SI-Delay-Sensitive-Video-Computing-in-Cloud.pdf>**Paper submission deadline**: August 20, 2017Video applications are now among the most widely used and a daily fact of life for the great majority of Internet users. What distinguishes conversational video systems from other video systems is the fact that they are highly delay sensitive, and this sensitivity is a major challenge for operating them in the cloud. Delay-sensitive processing and rendering of video in the cloud has therefore become an emerging area of interest. This special issue seeks original research papers that report on new approaches, methods, systems, and solutions in this area. Manuscripts must be prepared according to the guidelines: <http://tomm.acm.org/authors.cfm>, and submitted at <https://mc.manuscriptcentral.com/tomm>. **IEEE Access: Visual** **Surveillance and Biometrics: Practices, Challenges, and Possibilities**<http://mc.manuscriptcentral.com/ieee-access>**Paper submission deadline**: Oct. 31, 2017 Visual surveillance facilitates the classification of human behavior, crowd activity, and gesture analysis to achieve application-specific objectives. Biometrics is the science of uniquely identifying or verifying an individual among a set of people by exploring the user’s physiological or behavioral characteristics.This special section will serve as a cross-platform to cover the recent advancements at the intersection of ‘visual surveillance’ and ‘biometrics’. **Associate Editor:** Sambit Bakshi, National Institute of Technology Rourkela, India **Guest Editors:** * Guodong Guo, West Virginia University, USA
* Hugo Proenca, University of Beira Interior, Portugal
* Massimo Tistarelli, University of Sassari, Italy

**IEEE Access Editor-in-Chief:** Michael Pecht, Professor and Director, CALCE, University of Maryland |
| **Call for Participants****Low-Power Image Recognition Challenge**The 2017 Low-Power Image Recognition Challenge (LPIRC) will be held on July 21 in Honolulu, Hawaii, USA. For more information, please visit: <http://rebootingcomputing.ieee.org/lpirc>Student travel grants will be available. The rules, the methods used by the past winners, and their scores are available in this paper:“Low-power image recognition challenge," Asia and South Pacific Design Automation Conference (ASP-DAC), Chiba, 2017, pp. 99-104. doi: 10.1109/ASPDAC.2017.7858303 http://ieeexplore.ieee.org/document/7858303/If anyone needs hardware this year, please contact Prof. Yung-Hsiang Lu (yunglu@purdue.edu) who can help the team connect with the managers of university relations.  |
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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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