
Editorial

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Biographical notes: Chih-Lin Hu received his PhD in Electrical Engineering from the National Taiwan University in 2003. He was a researcher at the BenQ and Qisda Advanced Technology Centers, Taipei City, Taiwan, from 2003 to 2007. He was an Assistant Professor at the Department of Communication Engineering, National Central University, Taoyuan, Taiwan, ROC, from 2008 to July 2012 and has been an Associate Professor since August 2012. His research interests include mobile and pervasive computing systems, consumer communications and networking (smart home), internet of things (IoT) technology, and broadcast information system. He is a senior member of the IEEE.

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We all have witnessed the success of internet of things (IoT) technologies in support of multimedia networks, systems, and applications. This special section aims to solicit technical contributions regarding theoretical and practical aspects of scenario ideation, architecture design, prototype development, implementation, and demonstration on multimedia computing environments, e.g., wired, wireless, mobile, IoT, web of things, clouds, smart space, etc.

We organised this special section in conjunction with the call for papers and participations in the First International Workshop on Multimedia and IoT (MIOT):

Networks, Systems, and Applications, Pattaya, Thailand, August 3, 2017. Among 13 papers submitted to MIOT'17, two accepted papers and another invited paper were recommended to this special section. All three submissions were asked to contain significant extensions from their previously conference versions, and reviewed again by three reviewers. Eventually, each of three papers was treated by twice substantial revisions and accepted for publication according to the reviewers' comments and suggestions as well as the Editor-in-Chief's decision. These three articles now provide novel, interesting, and useful results, covering

'A cloud-fog scalable video streaming architecture for multimedia internet of things devices', 'The performance and QoE analysis of B²-DASH algorithm', and 'Bandwidth management framework for smart homes using SDN: ISP perspective'.

This editorial message not only delineates the paper submission and reviewing process, but also sincerely appreciates the authors' patience for paper revisions, the reviewers' devotion and time commitment necessary to assure the high quality of these articles. Finally, we would like to thank Dr. Sherali Zeadally, the Editor-in-Chief, and the journal staffs of *IJIT* for providing important advices and suggestions during the entire process of assembling this special section.