The 2nd IEEE International Workshop on Smart Multimedia (SmartMM2018)
18 June, 2018 - Taormina, Sicily, Italy

Co-located with the 4th IEEE International Conference on Smart Computing (SMARTCOMP2018)

CALL FOR PAPER

Multimedia application is among the most intensive systems in the internet. Rich content and latency intensive features of multimedia requires sophisticated infrastructure support from cloud, network, and terminals. Smart service system, the emerging topic, should be explored for improving human experience in multimedia applications.

The 2018 IEEE International Workshop on Smart Multimedia (SmartMM2018) focuses on smart technologies in multimedia system and applications. The SmartMM2018 will be in conjunction with the 4th IEEE International Conference on Smart Computing (SmartComp2018) on 18-20 June, 2018.

The topics to be addressed at SmartMM2018 will include, but are not limited to, all aspects of smart computing applications and technologies regarding multimedia system. We encourage submissions that showcase fundamental research to address challenges in enabling smart multimedia. Submissions should be targeted to one of the following four major topics and their sub-topics:

o **Measurement and Modeling**
- QoS measurement in smart multimedia applications
- QoE modeling in smart multimedia applications
- User behavior analysis and prediction in smart multimedia applications

o **Design and Implementation**
- Architecture of network caching for smart multimedia
- Named data network (NDN) for smart multimedia
- Software-defined networks for smart multimedia
- Smart device-to-device (D2D) sharing for multimedia
- Novel architecture and engineering approach in smart multimedia

o **System Optimization**
- Smart resource allocation in multimedia applications
- Smart task scheduling for multimedia applications
- QoE-oriented optimization in smart multimedia application
- Cognitive service integration in multimedia applications

o **Emerging Smart Multimedia Applications**

IMPORTANT DATES

Paper Submission Deadline
28 February 2017

Acceptance Notification
30 March 2017

Camera Ready Deadline
21 April 2017

CONTACTS

Workshop Website
http://www.smartmm.org/
Contact Email
smartmm2018@gmail.com

ORGANIZING COMMITTEE

Victor C.M. Leung
The University of British Columbia, Canada

Wei Cai
The University of British Columbia, Canada

Zhi Liu
Shizuoka University, Japan

Zehua Wang
The University of British Columbia, Canada

Han Hu
Nanyang Technological University, Singapore

Qiang Liu
National University of Defense Technology, China

All presented papers will be appeared in the IEEE Xplore Digital Library and will be EI indexed.

SUBMISSION GUIDELINES

Paper submissions should be *no longer than 6 pages* and formatted according to the IEEE conference template. Papers must be submitted electronically as PDF files to *Smart Multimedia track* at SmartComp2018 through EasyChair at:

https://easychair.org/conferences/?conf=smartcomp2018