Nanyang Executive Centre,
Nanyang Technological University, Singapore

CALL FOR PAPERS

2017 International Conference on Multimedia, Broadcasting and Network (ICMBN 2017), June 24-27, 2017

Introduction

Recent advances in multimedia processing and communications have potential to significantly advance current healthcare and assisted living services by enabling remote health monitoring, remote diagnostics, increased patient privacy, robotic-assisted surgery, and home-based treatment. A huge diversity of multimedia processing techniques, ranging from image/audio sensing, compression and networking, denoising, feature extraction, security, distributed processing, depth image processing, cloud and social computing, visualization and multimedia big data analytics, can all find their applications in future healthcare and elderly-care. The 2017 International Conference on Multimedia, Broadcasting and Network (ICMBN 2017) aims to be a prime international forum for both researchers and industry practitioners to exchange the latest fundamental advances in the state of the art and practice of multimedia, broadcasting and network, identify emerging research topics, and define the future of multimedia.

NANYANG EXECUTIVE CENTRE

Publication

Conference Papers will be published in the *International Conference Proceedings Series by ACM*, which will be archived in the *ACM Digital Library*, and indexed by *Ei Compendex, Scopus*, and submitted to be reviewed by Thomson Reuters Conference Proceedings Citation Index (*ISI Web of Science*).

THEME

TOPICS OF SUBMISSIONS ARE INCLUDED IN BUT NOT LIMITED TO

Ad-hoc, sensor, mesh and vehicular wireless networks ❖ Content-centric architectures for wireless, mobile and multimedia networks ❖ Context-awareness in wireless, mobile and multimedia networks ❖ Cognitive communications and networking ❖ Dependability and survivability issues for wireless, mobile and multimedia networks ❖ Energy-efficiency for wireless, mobile and multimedia networks ❖ Green wireless networking ❖ Internet/Web of Things ❖ Localisation, tracking, and mobility management and services ❖ Middleware services for wireless, mobile and multimedia networks ❖ Mobile applications and services over 5G networks ❖ Mobile big data networking and services ❖ Mobile cloud computing ❖ ❖ Mobile data offloading in 5G networks

Mobile network traffic characterization and measurements ❖ Mobile social networks ❖ Modelling, analysis, and performance evaluation ❖ Opportunistic and delay-tolerant networks ❖ Participatory, mobile and urban sensin ❖ Resource management for QoS/QoE provisioning ❖ RFID, NFC, and Machine-to-machine (M2M) communications ❖ Satellite and space networking ❖ Seamless inter-networking and self-organisation ❖ Security, trust and privacy issues for wireless, mobile and multimedia networks ❖ Software-defined wireless networks ❖ Standardization Aspects of Mobile ❖ Network QoS†and Reliability ❖ System prototypes, measurements, real-world deployment, and experiences ❖ Underwater wireless, mobile and multimedia networks

Conference Commitee

Conference Chairs

Maode Ma, Nanyang Technological University, Singapore

Xudong Jiang, Nanyang Technological University, Singapor

Program Chairs

Wei-Chang Yeh, Dep. of Industrial Engineering and Engineering Management, National Tsing Hua University, Taiwan

Muhammad Hussain, King Saud University, Riyadh, Saudi Arabia

Advisory Chair

Luigi De Dominicis, LUMSA University; Italian Institute for the New Technologies, Italy

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DISCOVER SINGAPORE AND MORE WITH...

MERLION PARK

The Merlion was designed as an emblem for the Singapore Tourist Promotion Board (STPB) in 1964.The lion head represents the lion spotted by Prince Sang Nila Utama when he re-discovered Singapura in 11 AD, as recorded in the "Malay Annals". The fish tail of the Merlion symbolises the ancient city of Temasek by which Singapore was known before the Prince named it "Singapura".

RESORTS WORLD SENTOSA

Located in the south of Singapore, consists of about 20-30 landmarks, such as Fort Siloso, which was built as a fortress to defend against the Japanese during World War II. Guns from a mini-sized to a 16 pound gun. Recently, the island has built the Carlsberg Sky Tower, which allows visitors to view the whole of Sentosa, as well as the Sentosa Luge.

ORCHARD ROAD

Besides being an iconic shopping destination, Orchard Road offers an eye-opening experience in other ways, with a number of outdoor art installations. "Late Night Shopping" on Orchard Road up till 11pm every Saturday and enjoy special deals or promotions by participating retailers.