

# IEEE International Symposium on Broadband Multimedia Systems and Broadcasting

June 6th – 8th 2018, Valencia, Spain

Tutorial on 5G Broadcast. Several workshops on 5G.

Tracks: Multimedia Broadband and Broadcasting Systems; Multimedia Services, Quality and Content; Multimedia Processing; Multimedia and Broadcast Transmissions



## General Chair:

- David Gómez-Barquero, Universitat Politècnica de València (UPV), Spain

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## Keynotes Chair:

- Narcis Cardona, U. Politecnica Valencia, Spain

## Tutorial Chair:

- Belkacem Mouhouche, Samsung, UK

The symposium seeks previously unpublished technical papers on the topics:

## 1. Multimedia Broadband and Broadcasting Systems

- 5G: New Radio & New Core
  - DTT worldwide & Standards evolution
  - LTE Advanced Pro
  - LTE eMBMS, MoD & SC-PTM
  - Field trials and test results
  - Fixed-Mobile Convergence
  - IPTV & Internet TV
  - Mobile-Broadcast Convergence
  - Multimedia for connected cars
  - Multimedia IoT
  - Multimedia NFV & SDN
  - Satellite broadcasting
- ## 2. Multimedia Services, Quality and Content
- Audience measurement & Behavior study
  - Content management
  - Hybrid services
  - Mobile TV, VoD, datacasting
  - Objective & Subjective evaluation
  - Object-based broadcasting
  - OTT content broadcasting
  - Quality of Experience
  - Service deployments
  - Future broadcasting services

## 3. Multimedia Processing

- 3D & Multi-view video
- Artificial intelligence in media processing
- Audio technology & Immersive audio
- Augmented & Virtual Reality
- Error concealment
- HEVC & Next-gen video coding
- Scalable video coding & Content adaptation
- Watermarking & Content protection

## 4. Multimedia and Broadcast Transmissions

- Advanced signal processing
- Channel coding, modulation & multiplexing
- Channel modelling & Simulation
- Emergency Alert System
- Multimedia devices & displays
- Multimedia transport protocols
- Mobile edge/cloud computing
- Propagation & Coverage
- Single Frequency Networks
- Spectrum & Coexistence issues
- Wideband DTT & Next generation broadcasting systems

## PAPER SUBMISSION

Prospective authors are invited to submit extended abstracts of 1000 words to:

- <https://easychair.org/conferences/?conf=bmsb2018>

Complete paper submission information will be available in IEEE BTS website

All accepted and presented papers will be submitted for inclusion in IEEE Xplore®

Best conference paper and best conference student paper will be awarded

## IMPORTANT DATES

- Submission of extended abstracts: **January 12th 2018**
- Notification of acceptance: **March 5th 2018**
- Submission of camera-ready papers: **April 19th 2018**