IEEE International Symposium on Broadband Multimedia Systems and Broadcasting

June 17th – 19th, 2015, Ghent, Belgium

http://www.bts.ieee.org
http://www.wica.intec.ugent.be/bmsb2015/

The IEEE International Symposium on Broadband Multimedia Systems and Broadcasting 2015, the 10th in the series, will be held in Ghent, Belgium. The symposium is the premier forum for the presentation and exchange of technical advances in the rapidly converging areas of multimedia broadcasting, telecommunications, consumer electronics, and networking technologies.

General Chair:
- Wout Joseph, Ghent University/iMinds, Belgium

General Co-Chair & International Steering CMTT:
- Pablo Angueira, U. of Basque Country, Spain
- Bill Hayes, Iowa Public TV, USA
- Albert Heuberger, Fraunhofer IIS, Germany
- Shuji Hirakawa, Toshiba, Japan
- Namho Hur, ETRI, Korea
- Luc Martens, Ghent University/iMinds, Belgium
- David Plets, Ghent University/iMinds, Belgium
- Peter Seibert, DVB, Switzerland
- Ulrich Reimers, TU Braunschweig, Germany
- Jian Song, Tsinghua Univ., China
- Yiyan Wu, IEEE BTS/CRC, Canada
- Wenjun Zhang, Shanghai Jiaotong U., China

Technical Program Co-Chairs:
- Amaia Arrinda, Univ. of Basque Country, Spain
- Sung-Ik Park, ETRI, Korea
- David Plets, Ghent University/iMinds, Belgium
- Demin Wang, CRC, Canada
- Jintao Wang, Tsinghua Univ., China
- Jian Xiong, Shanghai Jiaotong Univ., China
- Yue Zhang, Univ. of Bedfordshire, UK
- Ce Zhu, U. Electronics Sci. and Tech., China

Financial Chairs:
- Amanda Temple, IEEE BTS, USA
- Isabelle Van der Elstraeten, Ghent University/iMinds, Belgium
- Joke Staelens, Ghent Univ./iMinds, Belgium

The symposium seeks technical papers on the following topics:

1. Multimedia systems and services
1.1 Mobile TV
1.2 IPTV & Internet TV
1.3 DTV and broadband multimedia systems
1.4 VoD, interactivity, datacasting
1.5 Field trials and test results
1.6 Content management
1.7 Service deployments
1.8 Future technologies and services of broadcasting

2. Multimedia devices
2.1 Display technology
2.2 Acquisition technology
2.3 Set-top box and home networking
2.4 Mobile, portable, and handheld devices
2.5 Program guides and navigation
2.6 New human-device Interaction

3. Multimedia quality and content:
3.1 Performance evaluation
3.2 Objective evaluation techniques
3.3 Subjective evaluation techniques
3.4 Audience measurement and behavior study

4. Multimedia processing
4.1 Audio technology
4.2 Video coding and processing
4.3 Content adaptation and scaling
4.4 Error resilient and concealment
4.5 Rate control
4.6 Retrieval and indexing
4.7 3-D and multi-view video
4.8 Content protection and watermarking

5. Transmission and networking
5.1 Channel modelling & simulation
5.2 Channel coding, modulation, multiplexing
5.3 Signal processing for transmission
5.4 Propagation and coverage
5.5 Congestion control
5.6 Traffic and performance monitoring
5.7 Networking and QoS
5.8 Next generation of Broadcasting system
5.9 Convergence of broadcasting and Broadband Wireless
6.0 Making better use of the spectrum

Prospective authors are invited to submit extended abstracts of about 1000 words by e-mail to btsbmsb@ieee.org. Each abstract must include at least two key words chosen from the topics mentioned above.

Please indicate that the abstract is submitted to the IEEE International Symposium on Broadband Multimedia Systems and Broadcasting 2015, and include the corresponding author's full name and contact information including: Affiliation, address, e-mail and phone number.

Important dates:
Submission of extended abstracts: December 18th, 2014
Notification of acceptance: March 2nd, 2015
Submission of camera-ready paper: April 26th, 2015

All inquiries to *wout.joseph@intec.ugent.be*