Technical Committee on Broadcast and Online Delivery
Minutes of the TC-BOD meeting, AES 146th, Dublin 2018-03-22, 1:00 PM to 2:00 PM

Kimio Hamasaki – Artsridge – TC-BOD co-chair
Matthieu Parmentier – France TV – TC-BOD co-chair
Kent Terry – Dolby
Nils Peters - Qualcomm
Scott Norcross – Dolby

Remarks about Dublin convention
The dates picked for this Dublin convention are very near of the NAB tradeshow in Las Vegas in less than 3 weeks. Most of the contributions from the broadcast industry are unfortunately focussed on this US event.

TC activities

Streaming loudness
A dedicated meeting happened in Dublin to define goals and suggestions regarding loudness regulation for music.
The adding of specific metadata for music (i.e. album loudness, genre) are discussed.
In parallel this same topic will be discussed at ITU.

Masterclass on NGA production
EBU members are preparing a masterclass dedicated to sound engineer. The main goal is to demystify the production of object-based audio, the programme would include demonstrations from the end-user side and presentations of skilled sound engineers that already produced with objects various genres of contents: sport, concerts, documentaries, dramas…

5G for broadcasting
The upcoming 5G standards will allow broadcast/multicast streams in addition to unicast. This will impact the head-end industry and end-users' experiences, in-house, outside or in transportation.

Let's also talk how the Automotive TC and Spatial Audio TC could work together on the immersive audio + objects broadcasting for in-car entertainment. Need for experiments and a session to highlight such experiments.

Potential workshops for next conventions.

Workshop proposal for the 2 next conventions: state-of-the art of broadcast technologies available + worldwide NGA adoption (Asia, Europe, North and South Americas)

Workshop proposal when 5G topic is more mature: new use-cases for consumers thanks to 5G and impact on the broadcasting chain.