Technical Committee on Broadcast and Online Delivery
Minutes of the TC-BOD meeting, AES 142nd, Berlin 2017-05-22, 11:00 AM to 12:00 PM

Kimio Hamasaki – Artsridge LLC – TC-BOD co-chair
Matthieu Parmentier – France TV – TC-BOD co-chair
Peter Pörs – Jünger Audio
Leslie Gaston-Bird – CU Denver
Kazuho Ono – NHK
Scott Norcross – Dolby
Bert Van Daele – Auro Technologies

Remarks about Berlin convention and potential workshops for next convention in NYC.
A couple of rooms are over-crowded (paper sessions about binaural and ambisonics especially) while the VR still attracts a lot and benefits one of the biggest rooms. Berlin is a place for gaming industry and probably explains this situation.

Engineering briefs should be better promoted to welcome more speakers from the broadcast domain, probably by scheduling a small EB session after the paper session that shares the same topic.

AES67 plugfest has been reported by the Technical Committee Network Audio Systems. There is still some hard work to achieve before making the distinction between audio over IP technology and contribution use-cases.

Theses tendencies show how broadcasting strategies over classical and OTT/streaming networks now depend on various and complex combinations of equipment at the broadcasting station as well as in the receiver to ensure the Quality of Service and Quality of Experience. It should become important to share TC representatives of TC-BOD, TC Audio over IP, TC spatial audio and probably other TCs after the next ITU meetings in charge of defining coherent systems for the Next Generation Audio broadcasting standards (ATSC, DVB, webAudioAPI).

Status of subgroup on recommendation for OTT streaming

A dedicated meeting has been held yesterday. The dead-line to provide a recommendation – to be pushed to the AES standards committee – is next September.
The actual status of the group is hard to define, but:
- the *devices* group has to validate a methodology (subjective/objective) to run some tests about the audience satisfaction in various conditions
- the *content* group has to recommend one specification to embrace the different listening levels to address
- the *metadata/DRC* group is ready to propose implementations in line with the outcomes of the 2 other groups.