

Minutes of the AES Technical Committee on Coding of Audio Signals

Meeting was called to order at the 138th AES Convention, Warsaw, at 10:00, Friday May 8, 2015 by Jürgen Herre, co-chair.

The agenda was approved, as shown in Annex 1. The chair welcomed attendees, shown in Annex 2, and thanked them for participating in the TC meeting.

The minutes of the last TC meeting at Los Angeles had been posted on the TC email reflector. Since there were no comments, the US Chair took the minutes as approved and uploaded them to the TC web site.

The Chair noted the activities at the 138th convention that were in some sense relevant to this TC:

- MPEG-H 3DA Workshop (W2, Thu 16:00-17:30) – sponsored by the Coding TC in collaboration with the Spatial Audio TC
- The associated 3D Audio demonstrations (SD5, Fri 10:15—10:45, and SD6, Fri 10:45—11:15)
- Spatial Audio Sessions (P1 on Thu 10:00-12:30, P4 on Thu 16:00—18:00, P15 on Sun 9:00—12:30)

It was noted that the audio coding papers at this convention have been assigned to other headlines, such as spatial audio. This convention's Heyser Lecture speaker is Ilpo Martikainen, a recognized expert on monitoring loudspeakers and founder of Genelec.

Then, the committee discussed about events that the TC might sponsor or contribute to at the upcoming convention (139th in New York, 29Oct-1Nov, 2015). Based on this, the following activities were planned or envisaged for the Coding TC:

- A repetition of the successful MPEG-H 3D Audio workshop for the US audience is planned. This might include again an associated sound demonstration event, and a workshop focus on case studies from practice or updates from the ongoing MPEG-H 3D Audio Phase 2 process. Jürgen Herre will be the driver behind this effort.
- Christof Faller volunteered to investigate the feasibility of technical workshops on 'Coding for immersive Audio' and 'Coding for wireless microphones' (ultra low delay coding).
- Other envisaged topics include the new Enhanced Voice Services (EVS) speech coder, open source "royalty free" codecs, results from the ATSC technology selection process, and Audio over Bluetooth (there are several codecs defined, but only the lowest quality one is in practical use)

Under the “other business” section, the chair reminded the attendants to think of nominations for AES awards, such as the fellowship. The TC meeting was adjourned at 11:05.

ANNEX 1 – Agenda

AES TC on Coding of Audio Signals

Room 609B, Hotel Sofitel, 10:00-11:00, Friday May 8, 2015

138th AES Convention

Warsaw

- 1) Approval of Agenda
- 2) Review of recent activities for current convention / conference
 - MPEG-H 3D Audio Workshop & Demonstration
 - Richard C. Heyser Memorial Lecture Series
 - Other activities
- 3) Review of / proposals for activities at upcoming conventions, conferences, workshops etc.
 - 139th AES Convention, New York
- 4) Any Other Business
- 5) Next Meeting
- 6) Closing of the Meeting

ANNEX 2 – Participants

Name	Company
Jürgen Herre	International Audio Laboratories Erlangen / Fraunhofer IIS
Karlheinz Brandenburg	Fraunhofer IDMT
Christof Faller	Illusonic
Philippe Gournay	VoiceAge