Minutes of the AES Technical Committee on Coding of Audio Signals

Meeting was called to order at the 132nd AES Convention, Budapest, at 15:00, Thursday April 26, 2012 by Jürgen Herre, co-chair.

The agenda was approved, shown in the Annex-1. The chair welcomed attendees, shown in Annex-2, and thanked them for participating in the TC meeting. He noted that the minutes of the last TC meeting at New York had been posted on the TC email reflector. Since there were no comments, the Chair took the minutes as approved and uploaded them to the TC web site.

The Chair noted the activities at the 132nd convention that were specifically sponsored by this TC and also noted other coding-related events. These are listed under item 3) in the agenda. He announced this convention's Heyser Lecture speaker, Graham Blyth.

The Chair and attendees brainstormed about workshop and tutorial sessions that the TC might sponsor at the upcoming convention (133rd in San Francisco, 26-29 October, 2012). After some discussion, the following ideas were brought forward:

- Max Neuendorf and Schuyler Quackenbush volunteered to organize a workshop on MPEG Unified Speech and Audio Coding. This could cover topics of architecture, performance and market applications.
- Christof Faller will try to put together a workshop on "3D Sound for Cinema" (What is there/emerging to deliver 3D atmosphere to the cinema).
- Next, the chair discussed the newly created opportunity to inspire special sessions for the upcoming San Francisco AES Convention by TCs. While the papers will be reviewed as usual, this is a chance to give some exposure to specific, maybe narrow topics that are of particular interest. Schuyler Quackenbush will take care of driving a special session on "Advances in subjective assessment of audio coding" which might include the revised MUSHRA specification, numerical / statistical data evaluation, and methods for evaluation of extended loudspeaker setups (3D audio, testing between different loudspeaker setups etc.)
- Finally, Max Neuendorf brought forward the idea of a workshop on "Using Dynamic Adaptive Streaming (DASH) with MPEG Audio Codecs", to illustrate that adapting the bitrate is possible, provide some guidance on how to do it and give demonstrations of this functionality. Max Neuendorf and Schuyler Quackenbush may follow up on this …

There was no other business. The TC meeting was adjourned at 16:07 AM.

ANNEX 1 – Agenda

AES TC on Coding of Audio Signals
Room Bartok, 15:00-16:00 CET, Thursday April 26, 2012
132nd AES Convention
Budapest

Agenda

1) Approval of Agenda
2) Opening Remarks of Chairman
3) Review of recent activities for current convention / conference
   - Richard C. Heyser Memorial Lecture Series
   - Workshop 11 (MUSHRA Reloaded) – together with TC on Perception
4) Review of / proposals for activities at upcoming conventions, conferences, workshops etc.
   - 133rd AES Convention, San Francisco
5) Any Other Business
6) Next Meeting
7) Closing of the Meeting

ANNEX 2 – Participants

Name	**Company**
Schuyler Quackenbush	Audio Research Labs
Juergen Herre	International Audio Laboratories Erlangen / Fraunhofer IIS
Christof Faller	Illusonic
Arijit Biswas	Dolby Laboratories Germany
Max Neuendorf	Fraunhofer IIS