

Minutes of the AES Technical Committee on Coding of Audio Signals

Meeting was called to order at the 131st AES Convention, New York, at 10:05, Friday October 21st, 2011 by Schuyler Quackenbush, 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 London 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 131st convention that were specifically sponsored by this TC and also noted other coding-related events. These are listed under item 3) in the agenda. Juergen Herre made a few remarks about this convention's Heyser Lecture speaker, John Atkinson.

The Chair and attendees brainstormed about workshop and tutorial sessions that the TC might sponsor at upcoming conventions (the 132nd in Budapest, 26-29 April, 2012 and the 133rd in San Francisco, 26-29 October, 2012). After some discussion it was agreed to pursue the following ideas:

- Thomas Sporer noted that the ITU-T will meet shortly before the 132nd convention. They are working on revising some of their subjective testing methodologies some of the ITU-T delegates working on this might be willing to attend the 132nd convention and report on that work. He volunteered to organize a workshop on this topic (e.g. "Recent advances in subjective testing").
- Christof Faller volunteered to organize a workshop on aspects of coding and presentation for 3D-audio (e.g. "3D Audio: coding and rendering"). This might be in cooperation with the TC on Spatial Audio.
- Max Neuendorf volunteered to organize a workshop on MPEG Unified Speech and Audio Coding. This could cover topics of architecture, performance and market applications.
- David Trainor, CSR, was not able to attend the meeting, but sent an email shortly after the meeting in which he volunteered to organize a workshop or tutorial on resilient audio coding for unreliable networks. He believed that this idea was originally proposed during the TC-CAS meeting at the 128th Convention but was not acted on.

It is envisioned that all of these workshop proposals would be for the 132nd Convention in Budapest.

The Chair noted that the Technical Council has asked all TCs to update their portion of the "Emerging Trends" document so that it can be published later this year in the AES Journal. There ensued a good discussion on this topic with attendees offering their opinions of emerging trends in audio coding. The TC co-chairs will take the significant points of the discussion and use them to revise the TC-CAS emerging trends document.

There was no other business. The TC meeting was adjourned at 11:00 AM.

ANNEX 1 – Agenda

AES TC on Coding of Audio Signals
Room 1E05, 10AM – 11AM, Friday October 21, 2011
131st AES Convention
New York

Agenda

- 1) Approval of Agenda
- 2) Opening Remarks of Chairman
- 3) Review of recent activities for current convention / conference
 - T4 MP3 can sound good
 - W4 Sound Quality Evaluation
 - W17: Low-delay Audio Coding for High-Quality Communications
 - P13 Low Bit-Rate Coding—Part 1
 - P16 Low Bit-Rate Coding—Part 2
- 4) Richard C. Heyser Memorial Lecture Series
- 5) Other activities
 - Revisions to “Emerging Trends” document
- 6) Review of / proposals for activities at upcoming conventions, conferences, workshops etc.
- 7) 132nd AES convention
- 8) Any Other Business
- 9) Next Meeting
- 10) Closing of the Meeting

ANNEX 2 – Participants

Name	Company	Email
Schuyler Quackenbush	Audio Research Labs	srq@audioresearchlabs.com
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