

## Minutes of the AES Technical Committee on Coding of Audio Signals

Meeting called to order at the 130th AES Convention, London, at 11:05, Sat 14 May 2011, by J. Herre, co-chair.

The agenda was approved, as listed in the annex. The minutes of the last TC meeting at San Francisco had been posted on the TC email reflector, approved and uploaded to the TC web site.

The ongoing activities of the committee and other coding-related events were reviewed. It was noted that there is limited representation of the audio coding topic at the AES 130th convention (a few coding papers in Session 15, “Speech and Coding”), however the Heyser lecture for this convention is given by a member of the TC (Karlheinz Brandenburg) and has audio coding as one of its main subjects.

New TC activities for upcoming events were discussed next (mainly for the upcoming 131st AES convention in New York):

1) The TC discussed a proposal originating from the last TC meeting in San Francisco, namely a session on “mp3 **can** sound good”. A general outline could be to first discuss about what is “good”, i.e. to discuss the requirements that a test method has to satisfy (e.g. non-blind testing and credibility, listener training, ...). Then, some of the tests on perceptual audio codecs that have been published (well done ones and not so well done ones) will be examined for the appropriateness of their test methods and their results. As a preferred form, the event could be a tutorial given by two persons (Thomas Sporer agreed to be available to cover the test methodology part. Schuyler Quackenbush to be asked as to whether he would be willing to take on the other part), but also a well-coordinated workshop could be an appropriate format.

2) The idea of organizing a workshop on “Low-Delay Coding for Communication”, as it has been discussed previously, found renewed interest in the TC. Possible technologies to be discussed and compared could be ITU, 3GPP and MPEG codecs and others (see previous meeting report). Also, the basic delay requirements for communication coding should be discussed. Manfred Lutzky volunteered to work on creating such a workshop for AES 131.

Other business: The chair pointed out that it has been a good practice of TCs to put together a section of an “Emerging Trends” report in their field of expertise. The combined Emerging Trends Reports from all TCs have last been published in the JAES in November of 2007 (the portion on audio coding can be found on the Coding TC’s web site). It is anticipated that a new edition of emerging trends will be called for during the next months in order to deliver up-to-date information to the public.

The next meeting will be held in conjunction with the upcoming AES 131st Convention in New York in October 2011.

The meeting was adjourned at 11:50.

## **Annex I: 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
  - Other activities
- 4) Review of / proposals for activities at upcoming conventions, conferences, workshops etc.
  - 131th AES convention New York
- 5) Any Other Business
- 6) Next Meeting
- 7) Closing of the Meeting

## **Annex II: Attendees:**

Name	Affiliation
Juergen Herre	International Audio Laboratories Erlangen / Fraunhofer IIS
Manfred Lutzky	Fraunhofer IIS
Barbara Resch	Dolby
Karlheinz Brandenburg	Fraunhofer IDMT