Technical Council Meeting Report
AES 148th Convention
Monday, 8/June/2020 Location: On-line
17:00–18:30 CEST (Vienna time)

Attendees:

Technical Council	Steve Hutt, Jürgen Herre, Michael Kelly
Acoustics and Sound Reinforcement	Adam Hill, Kurt Graffy
Audio for Cinema	Mel Lambert (for Julian Pinn)
Audio for Games	Michael Kelly
Automotive Audio	Roger Shively, Raf Kassier
Broadcast Online Delivery	David Bialik, Kimio Hamasaki
Coding of Audio Signals	Jürgen Herre
Fiber Optics for Audio	Ron Ajemian
High Resolution Audio	Vickie Melchior, Josh Reiss
Loudspeakers and Headphones	Steve Hutt
Network Audio Systems	Thomas Sporer
Perception & Subj Eval Audio Signals	Thomas Sporer
Recording Technology and Practices	Jim Kaiser
Semantic Audio Analysis	Christian Uhle, Thomas Sporer
Spatial Audio	Nils Peters
Standards	Bruce Olson, Rich Cabot

1. **Welcome and introduction of members**
   Chair welcomed all, thanked Standards for facilitating the Zoom meeting account.
   a. Apologies for absence: none

2. **Agenda review and approval**
There were no additions to the agenda.

3. **Approval of minutes from 147th Convention**
The TCL approved the minutes of the previous meeting.

4. **Report on actions from previous meeting**
a) There were no outstanding items from the previous TCL meeting.
b) The TC requested that arrangements for TC meetings would be better with 2-3 week's notice. For New York, we will target 1 month notice and meetings could be scheduled around the convention to meet the specific needs of each TC

5. **Report from AESSC**

Bruce Olson presented a report on standards and the progress of a number of active standards. He noted the move from GotoMeeting to Zoom. David Bialik asked about the use of Google Docs, Bruce noted that this will be the current platform for whiteboard document authoring and will be subject to revision. Bruce requested a formalised way of working on this. Jürgen asked about the security of Google docs, Bruce noted that is a legitimate concern but said the current use of Google docs was for closed groups on non-critical documentation.

David Bialik and his committee are working on a standard proposal for streaming loudness. Proposes that there should be separate sub-committees for loudness in different applications and situations. There is further discussion to be held.

Action Item: Steve to discuss the best way to address progress in this area with Michael and Jürgen.

TC-AA has begun work on a white paper , audio measurements in vehicles. After completion it may be considered to use as basis for a standard.

6. **New TC proposals or requests for merger/closure (please notify the TCL chair in good time before the meeting)**
TC-AT: We are not currently receiving any responses for TC-AT. Emails are bouncing.
Action Item: Steve will explore.

7. **TC leadership changes**
No changes to TC leadership were implemented.
Action Item: TCL chair to follow up with Mel Lambert re TC-AC leadership.

8. **TCL website and VO matters**
Christian Uhle raised the topic of workflows for collaborating and found the virtual office introduced overhead. Christian asked whether confluence or Redmine would be a better alternative.
The group discussed various options including open source solutions, Google docs and associated costs and potential sponsorship.
Action Item: TCL board will discuss.

9. **TCL publications**
TC-ASR: Published TD-1007 Understanding and managing sound exposure and noise pollution at outdoor events.
Steve congratulated Adam and the TC for the work on ASR-TD1007, the document relating to noise pollution and outdoor events. Adam noted this was now being used by the WHO.

TC-AA: White Paper on in Vehicle Audio Measurements publication target is June 2021.

TC-BOD: Web site on streaming loudness is in development, progressing well.

TC-CAS: Update to educational 'Perceptual Audio Coders – What To Listen For' CD-ROM as enhanced Web Content, to be ready for sale by AES Web Shop in October 2020.
Action Item: Executive discussion needed for coordination with AES HQ & sales.
TC-RTP: Update to TD Recommendations for Deliverables, collaboration with Recording Academy is being reviewed and formatted for publication.

10. **Heyser Memorial Lectures – status and recommendations**
    a. **148ᵗʰ Convention update**

The 148ᵗʰ Heyser Lecture was presented live on-line in shortened format by Francis Rumsey. Francis will present the full lecture at the 150ᵗʰ in 2021.
    b. **Upcoming conventions**

Steve Hutt invited idea for suggestions for future lecturers. David Bialik recommended telecommunications as a potential topic.

11. **Upcoming conventions and conferences**
    a. **Convention workshops submission system**
    b. **Submit proposals for Dublin 146th Convention workshops, masterclasses, tutorials, etc, see: http://www.aes.org/events/149/authors/cfp/**
    c. **Update on TC conference plans and recent events.**

TC-AA Automotive Audio is looking at a June 2021 conference.
TC-AG Audio for Games are looking at various options for conferences in Japan
TC-AC (Mel) expressed an interest in coaching a conference on Audio for Cinema. Mel will reach out to Bill Foster and cc Steve.

12. **Open discussion/review/proposals of current TC projects**
Mel Lambert suggested that it could be useful to see more content on the Technical Council and Committees in the Journal.
Action Item: Steve will review & discuss with Francis.

The meeting was closed at 18:24