AES TCAA Web meeting 03/29/23 (https://www.aes.org/technical/aa/)

The TC-AA is not only about audio systems but also systems that utilize audio systems to aid in their functions as well.   Audio systems are being asked to perform more and more tasks as technology advances and the goal of the TC is to keep up to date on all of them.

Committee Update
Raf is now part of the TCL so has decided to step down as chair so he can dedicate time to his new role.   Hans Lahti has replaced Raf as Co-Chair.   Welcome and congratulations Hans!

In-Vehicle Measurements Whitepaper Update
The whitepaper is finally ready for release of version 1.0!   The following information can be found at Beta tester package - Google Drive   The web address can also be found on the TC-AA page on the AES website.

- Whitepaper beta version 1.0
- Tester package instructions
- Folder containing test stimuli
- Folder to put acquisitions for processing

The measurements covered include Frequency Response, Max SPL and Impulsive Distortion.   The group is looking for feedback by mid-May on the procedures and measurements so that an update can be given at the next meeting around the AES 154th in Helsinki. Please forward all feedback to Roger, Hans or Patrick through email links on the TC-AA webpage. **https://www.aes.org/technical/aa/**

NVH and Sound Management Subcommittee Update
Call to action: Get involved! Are you involved or concerned with the interaction of the vehicle sound system with the NVH world? Are you just interested to listen-in or participate? Then feel free to join the subcommittee and contribute!

Dewey mentioned that the subcommittee is partnering with the newly developed Voice and Speech subcommittee to present seminars this year.   The first which is targeted for late spring or early summer will be an introduction to the newly formed subcommittees to give insight on what they do and there focus. Dewey also mentioned they are working with a guest speaker to present on the topic of AI in automotive audio for the 4Q of this year.   The seminars/webinars will be announced through the AES platform along with sign up.   Be on the lookout for them throughout the coming year.

New Sub-Committee Proposal – Voice and Speech
Call to action: Get involved! Are you involved or concerned with the interaction of the vehicle sound system with the NVH world? Are you just interested to listen-in or participate? Then feel free to join the subcommittee and contribute!

Fabio Cagnetti (fabio.cagnetti@bdsound.com) is leading this new group   Topics of interest include speech processing, microphones, echo cancellation, communication, voice commands, etc. Please contact Frank if you are interested in joining.

Upcoming Events
We should contribute an automotive-themed workshop, tutorial and/or paper to the following:

- May 13-15 2023: *AES 154th Convention 2023:* Aalto University, Espoo, Helsinki, Finland
- August 23-25, 2023: *2023 AES International Conference on Spatial and Immersive Audio:* University of Huddersfield, UK
- October 2023: *AES 155th Convention 2023*: New York, USA.

At the AES 155th in New York there will be a space on the exhibition floor dedicated to automotive audio. There will be space for exhibits as well as for presentations.   The idea is to broaden exposure to larger audience by giving highlights of the Dearborn AA Conference or previews of what may be coming in the tentative June 24 AA Conference in Europe.   Ian Hubbard asked what the deadlines were for participation. Raf mentioned not set yet but most likely the same as for the AES 155th Convention which can be found here: https://aes2.org/contributions/aes-new-york-2023/

Next Automotive Audio Conference – Tentative June 2024 in Europe
The goal of the committee is to hold a conference every 2 years which means the next one is targeted for 2024.   Usually the conferences rotate between the US and Europe. Since the last one was in Dearborn, MI USA (200 participants, very successful!) the next one is going to be in Europe.

The next planning meeting is taking place this week. One of the main goals is to help broaden participation (200 – 300 attendees) through trying to reduce cost (AES sets cost for admission).   Raf asked for input on pricing structure and Ian Hubbard mentioned that lower prices would be most attractive to European participation since travel costs would be lower than outside Europe. Michele Bucolli asked about student pricing and participation and Raf mentioned their price is lower than standard admission.   Currently looking at a number of possible venues and would like to stay near automotive regions as well as universities with audio related studies (incorporate a career fair).

Ian Hubbard asked about participation deadlines and since the conference has not been officially scheduled there are no official dates. A good estimate is early 2024 for planning purposes.

Help is needed by our European members so if interested please contact Raf.
Rafael.Kassier@harman.com or Roger **https://www.aes.org/technical/aa/**   .

Next TC-AA Meeting
Around May AES 154th in Helsinki.   Raf mentioned that TC meetings at conventions are no longer scheduled and are held online.   This has helped bolster more participation than just holding at the convention.

Attendees list:
 Ken Deetz
 Patrick Dennis
 Ian Hubbard
 (ianhubbard)
 Matt Ruhlen
 Michele Buccoli
 [BdSound]
 Andy Goeppner
 Hans Lahti
 Eli Ellison
 Roger Shively
 Barbara Nauerth
 John Busenitz
 Greg Sikora
 Sarah
 jayant
 Andreas E.
 Steve Hutt
 David Prince
 S Dombrovskis
 Martin K
 Sergio
 Yu (Dewey) Du
 Frank Valeri
 Marcin Kalinowski
 Rafael Kassier
 Jon L