

AES TCAA Zoom Meeting 4/10/24 (<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. If anyone knows someone who would like to join our TC have them email any chair or vice-chair and we can add. Contact info can be found on main TC page. We also have a private LinkedIn group which the chairs/vice-chairs can help with admittance as well.

Automotive Audio Conference – June 26-28, Gothenburg, Sweden

<https://aes2.org/events-calendar/2024-aes-automotive-audio-conference/>

The goal of the committee is to hold a conference every 2 years which means the next one is schedule for June 26-28, 2024 at Uni3 in Gothenburg Sweden. The Dearborn event had little over 200 participants and looking to get 300 or so. This venue has plenty of room and can be expanded if needed. Success of the event depends on everyone's willingness to weigh in and contribute, we want to ensure we can maintain a high quality of academic contributions. Call for papers ended last month but if you have something you would like to be considered please submit anyway.

<https://aes2.org/contributions/2024-aes-5th-international-conference-on-automotive-audio/> . Sponsorship questions can be asked through the email: AA24_sales@aes.org Sponsorships have been steadily growing. Registration will open in April. So far, we have 2 keynotes lined up in which further information will be coming shortly. Another is also in the works but not yet finalized.

Program will be using “Sched” to show schedule of events which will be available through website when updated after reviewing submissions (submissions look very good so far!), no external app needed. Exhibits will be open throughout the event. There will be a reference room to complement vehicle demos.

Samira mentioned working on a workshop on NVH and Audio will panelists from both areas of expertise. Because of NVH in vehicle sometimes artist's intent is missed. Also looking at having 1 to 2 presentations on sound design of electric vehicles.

Speech subcommittee will also have workshop on general VR. Currently working on putting together panelists that will include how other industries handle.

Committee will be reaching out to OEMs to help get strong participation.

There will be on-site paid service to help those travelling with you but not participating in the conference to help plan events. Helping to make it a conference/vacation activity. The European convention will be in Madrid a couple weeks before the automotive conference.

Social events are also being planned. One in the works is possibly a tour of a Tonmeister studio in which small groups could experience. The usual dinner for the 2nd night of the conference is being planned. There will also be a paid service of a person

on-site to help with social event planning for those spouses, family, friends that may be traveling with you.

Roger showed layout of venue detailed exhibit space and auditorium for presentations, workshops and tutorials. Also showed how venue can be expanded to accommodate more if need arises. Will have content of main auditorium streamed outside so people can see what is going on.

In-Vehicle Measurements Whitepaper Update

Version 1.0 of the whitepaper is soon to be released to create a level playing field for a repeatable, consistent approach for how to perform measurements in a vehicle. The three areas of interest are; Frequency Response, Max SPL and Impulsive Distortion as well as a section on microphones and microphone array used. The whitepaper is being created as a recommendation and not a standard and it meant to be a living document and expand scope as needs arise.

There will be a panel discussion on the whitepaper at the conference. Steve T. asked if anyone would be willing to take measurements so that more experience is gained and we can see what works and what didn't for next versions. A suggestion was also made to have a discussion about measurements in general.

Planning to have vehicle for measurement demos like in Dearborn.

Access to stimuli and the current version of the whitepaper can be found here:

[https://urldefense.com/v3/___https://drive.google.com/drive/u/3/folders/1cT0AVVReMoMXAyxylhEJh_oKG4_p4uZ_ ;!!Bbg-OcCDIOs!A-6majMqDQNlsA7y_qPRldWv4DzJF3X2K477Z_jX2drSRtPtaSpac-p4oFeuzWH04TY6f_LcXHGdW0vrTAuEA4jhQ\\$](https://urldefense.com/v3/___https://drive.google.com/drive/u/3/folders/1cT0AVVReMoMXAyxylhEJh_oKG4_p4uZ_ ;!!Bbg-OcCDIOs!A-6majMqDQNlsA7y_qPRldWv4DzJF3X2K477Z_jX2drSRtPtaSpac-p4oFeuzWH04TY6f_LcXHGdW0vrTAuEA4jhQ$)

(shorter url is also available: <http://tinyurl.com/aes-tc-aa-white-paper-v1-0>)

Jayant Datta, who led this whitepaper's development, would like to encourage everyone to make measurements and upload their files into the "Acquisitions" folder? (by creating a sub folder with a suitable name).

Noise Audio Speech (NAS) Subcommittee Webinar – Dissecting Advanced Driving Sounds for Electric Vehicles – May 14, 4pm-5:30pm CEST

Samira mentioned this webinar will cover evolution of EV driving sounds from technical complexities to streamlined design processes. Learn how advanced driving sounds are structured, routed and controlled for optimal performance, with a focus on dynamic behaviors, integrated chimes and UX sounds. Registration will be open soon!

Asian Interest in TC-AA

It was mentioned that there has been interest in our group from Asian community but the time zone difference has been quite a challenge. If anyone has interest in starting a

regular meeting group in this region, please contact Roger. Japan has a strong AES interest, Korea IEEE. If anyone knows of influential Asian contacts who would be interested in the upcoming convention, please let Roger know. Some attended the Dearborn conference since some tech centers are in the area.

Next TC-AA Meeting

August 14, 2024. New York convention will take place Oct 8-10 but will not have a lot of automotive focus because of conference in June. The AES wants to make Automotive Audio a tract, so people can follow and help give it more presence.

Contacts:

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