

## **AES TCAA Web meeting 12/15/21**

### **Automotive Audio Conference joint with APEI, June 8-10 2022 – SUBMISSION DATES HAVE CHANGED!!**

Scheduled to be held at Dearborn Inn in Dearborn, MI, USA.

<http://aesshow.com/automotive2022/>

APEI Automotive will run in parallel at the conference with hope of drawing more participants by including a broader range of topics (machine language, AI, Product Development, etc).

Call for Papers is open! Due date is now **28 February 2022**

<https://aesshow.com/automotive2022-contributions/> Dewey Du is papers chair.

Awareness of conference has been challenging due to the AA planning group having difficulty gaining full access to the AA site. This is due to the AES switching over to a new website platform. Hopefully this will be resolved soon. This has also caused issues with the reflector acting sporadically, not all communications are being delivered to all on the list. Working with AES to resolve but may not be in the short term.

Urging local (Detroit) entities to support with submissions due to possible travel difficulty for participants from Europe.

Newly established NVH subcommittee will host a workshop at the conference. Roger mentioned that at the SAE NVH event in Grand Rapids, Sept 2021 there was a heavy focus on audio systems assisting NVH – mainly ASE and ASC

Meeting attendees were asked if they had any ideas for contributions. Matt R. mentioned Bose was considering, maybe new technologies on new products that have been launched. John B. said he would discuss with colleagues who might not be aware the conference is coming for their interest in participating.

Roger suggested any work on headrest or headliner speakers or unique systems, challenges encountered and how overcome would be good material.

Thomas G. wondered if anyone had reached out to Continental, who is offering panel actuators combined with Sennheiser AMBEO Mobility for audio reproduction. No one was aware so Thomas said he would reach out.

Jon L. and Dan F. are working on ways to be involved by sharing their invention on in-vehicle EQ opportunities along with measurement data to support. Could be separated into two contributions, Eng Brief and Product Development for example. Roger suggested submitting their ideas through Easychair.

<https://easychair.org/cfp/2022AESAA>

Rafael brought up idea of champions being named to help spread the word about the conference to the major players in the field. Roger, Dan and Pat will discuss.

Matt R wondered if the local AES section was contacted for support. It was mentioned that the U of M student section attended these events as well and to contact to see if they have interest presenting on any projects they have been working on. Purdue student section may also have interest in participating. Jeff V. was going to contact Prof. Jason Corey about doing a master class on listening tests, skills, etc.

Goal is to get 20-25 submissions for consideration.

If you are interested in helping put on the AA conference contact Roger <https://www.aes.org/technical/aa/>.

### **Whitepaper on In-Vehicle Measurements – Update**

The White Paper team is led by Jayant Datta. It will focus on 3 areas of measurement, Frequency Response, Max SPL and Impulsive Distortion, formerly buzz, squeak, and rattle. Currently in the mode of writing phase 1 of the paper to be presented to the TC-AA for feedback in early 2022. Then present at Automotive Audio Conference in June for additional feedback.

Brainstormed having 3 sessions at the AA Conference, one for each area of measurement. Rafael suggested discussing what kinds of signals and techniques were discussed that lead to the final proposals. He also suggested having a hands-on session so that familiarity with the test process, signals and analysis could be gained. Jayant will propose this to the team.

This paper will be a living document and the release after AA conference will be considered version 1. As more experience is gained it is imagined this paper will evolve over time.

### **AES Spring Show, The Hague Netherlands May 2022**

The spring show will be a hybrid version. In-person May 7-8, 2022 and May 16-19 for online. Call for contributions is currently open through Feb 15.

<https://aes2.org/contributions/aes-show-spring-2022/> Rafael mentioned he is the chair for the online program. Rafael is trying to get representation of Automotive Audio, especially by European counterparts who may not be able to get to Detroit for the AA conference in June to help bolster interest in the field. Thought was if topics in AA were presented could also present at AA conference with follow-up.

**AES TC-AA LinkedIn Group**

<https://www.linkedin.com/groups/12424742/>

This is a private group so if you are interested joining must have a LinkedIn account and contact any of the following members through LinkedIn to be added:

Rafael Kassier

Roger Shively

Patrick Dennis

**TC-AA Next Meeting**

Details will be forthcoming.