



*Announcing the*  
**Transportation Research Board AEP80**  
***Transportation-Related Noise & Vibration***  
**2023 Summer Meeting**  
*joint with*  
**Noise-Con 2023**  
*(and co-located with SAE Noise & Vibration Conference)*

**Monday, May 15 to Thursday, May 18, 2023**

**DeVos Place**

**303 Monroe Ave NW  
Grand Rapids, MI 49503**

TRB Committee AEP80 is happy to announce our (just before) summer meeting! The Institute of Noise Control Engineering-USA (INCE-USA) invited us to join them in Grand Rapids, MI:

*"From world-class [attractions](#) and [outdoor recreation](#) to nationally ranked [food](#) and [craft beverage](#) scenes – Grand Rapids, Michigan is filled with unexpected surprises. Discover why we're [America's Best Beer City](#), the nation's Craft Beverage Capital and a Top 20 U.S. Foodie City. Get an eyeful of [spectacular art](#) and an earful of [live music](#). Explore our endless opportunities for [family fun](#). Make your travel dreams come true in Grand Rapids!"*

On the [conference website](#) you will find information about registration, hotel (adjacent to DeVos Place – let us know if you are unable to book, and we will contact the INCE business office to have them open more rooms), schedule, technical tour, and exhibiting, among other items. The technical tour Tuesday afternoon, Walking Brewery Tour Tuesday evening, and TRB social on Wednesday evening are optional and require purchasing a ticket (available on the website). All registrations for TRB will be done through the website listed above. Early registration rates apply until April 7. Note there are two types of registration:

1. As a TRB member/friend, you have the **option to register for TRB only** (all TRB AEP80 member/friends qualify as Members for registration): includes exhibit reception event on Monday evening and **only transportation sessions/workshops Tuesday – Thursday** (scheduled to be done by noon on Thursday).
2. The **joint registration** includes the reception and **all technical sessions/workshops Monday – Thursday**.

## ◀ PRESENTATION INFORMATION ▶

The abstract due date is **January 6**; this will be extended, but submit an abstract ASAP to secure your presentation slot. For presenters, please know that presentations will be 15 minutes with an additional 3 minutes for questions and answers (and 2 minutes to switch over to the next speaker).

For those submitting a paper (optional for TRB members/friends), please follow instructions online. **Papers are due March 20.**

TRB and INCE volunteers are busy organizing several transportation-related sessions and workshops. Make sure to submit an abstract on one of these topics to ensure the session is held. Note that some of the sessions listed below may be scheduled for Monday due to volume of presentations – we will do our best to put the most TRB-relevant sessions on Tuesday, Wednesday, and Thursday morning (followed by an **AEP80 business meeting before lunch**). Registration to the *joint* conference will be required to attend the sessions on Monday. There are also many other sessions that you may find interesting/relevant. The potential sessions/workshops of interest to AEP80 folks are:

1. Transportation noise (general)
2. Impact of recreational noise sources on the surrounding communities - Recreational Vehicles
3. Transportation-related construction noise & vibration
4. Effects of transportation-related noise & vibration on wildlife
5. Rail noise & vibration
6. Rail operations horn/signal patterns & conditions
7. Vibration propagation into buildings
8. Tunnel ventilation & noise mitigation
9. Tire noise – interior & exterior
10. Effects of heavy trucks platooning
11. Marine noise
12. Aerodynamic noise prediction & validation – Aircraft
13. Unmanned aerial vehicles effects on communities
14. WORKSHOP: Current & future heavy truck fleets and noise considerations
15. WORKSHOP: Design-Build project challenges

For additional information on the technical sessions or the conference, please contact Judy Rochat (jrochat@csacsoutics.com).

◀ **TRB SOCIAL** ▶

We hope you can join us for the TRB social event on Wednesday, May 17. Details will be available soon.