

Transportation Research Board ADC40
Transportation-Related Noise + Vibration Committee

Summer Meeting

Minneapolis, Minnesota | July 23-26, 2017



Call for Abstracts

The summer meeting of the Transportation Research Board's committee on transportation noise and vibration (ADC40) is scheduled to take place from Sunday July 23 to Wednesday July 26, 2017 in Minneapolis, Minnesota at the Courtyard Marriott Minneapolis Downtown hotel.

Those wishing to present at a technical session must submit an abstract and a bio by Monday, May 15th, 2017 to Ahmed El-Aassar (aelaassar@gfnet.com). Presentations will typically be 15 minutes with an additional 5 minutes for questions and answers, although this may be adjusted depending on the number of submittals.

Poster submittals are also accepted. Posters should be on 24" wide x 36" high self-supporting backing. Presenters should be able to communicate poster information to visitors within 5 minutes. Poster materials including prints and foam core are the responsibility of the presenter. Easels for display will be provided.

The following information is required for all presentation and poster submissions:

- First and Last Name of the Presenter
- Title of the Presentation / Poster
- Brief Abstract
- Bio Paragraph (at least 2 sentences with a maximum length of 4,000 characters)

Below is a suggested list of topic areas for submissions:

- ◆ *Transportation Noise and Vibration*
 - ⇒ *Transportations system noise effects on public spaces*
 - ⇒ *Off-road recreational transportation noise (including boats, jet skis, four-wheelers, and racing events)*
 - ⇒ *Quieting vehicles*
 - ⇒ *In-car transit announcement systems*
 - ⇒ *Acoustical design for transit stations; public announcement system designs*
 - ⇒ *Roadway shoulders as travel lanes*
 - ⇒ *Beamforming in traffic noise studies*
 - ⇒ *Multimodal noise and vibration assessment*
- ◆ *State and Federal Policy*
 - ⇒ *FTA moderate and severe impacts and mitigation*
 - ⇒ *Recent trends in airport noise abatement programs/products/technologies*
 - ⇒ *State DOT highway noise screening methodologies*
- ◆ *Instrumentation Systems*
 - ⇒ *Airport noise monitoring technologies*
 - ⇒ *Web-based/unattended monitoring systems*

- ◆ *Construction Noise and Vibration Monitoring*
- ◆ *Construction Noise and Vibration Assessment*
- ◆ *Worker Exposure to Transportation Noise/ Public Health and/or Hearing Loss associated with transportation noise*
 - ⇒ *Emergency responder/worker exposure to noise from emergency vehicle sirens (police, fire, ambulance)*
 - ⇒ *Curb-side and tarmac baggage handler exposure to noise*
 - ⇒ *Exposure to pavement reconstruction noise*
 - ⇒ *Tollbooth worker exposure to noise*
- ◆ *Airspace Noise*
 - ⇒ *Military aircraft noise studies (AICUZ) and land use compatibility*
 - ⇒ *Recent developments in spaceport noise assessment or sonic boom modeling*
 - ⇒ *Noise effects of the commercial space industry (SpaceX, etc.)*
 - ⇒ *Helicopter Noise Effects*