



Program and Agenda
Fall Meeting of the
Vibro-Acoustics Consortium
November 5, 2026
Advanced Exhaust Solutions
10180 217th Street West
Lakeville, MN 55044

8:30 a.m. Coffee and Pastries

9:00 a.m. Morning Presentations

- News and Notes
- Data Center Noise: Sources and Paths
- Blocked Force Determination on a Small Compressor with Different Mountings
- Square Cross-Section Double Tuned Expansion Chamber with Perforated Bridge
- Correlation and Validation of a Transmission Cover Simulation Model
- Development of Additively Manufactures Sound Absorbing Materials
- Development of a Standard 3D Printed Sound Absorbing Sample
- Simulation of Panel Transmission Loss

12:00 p.m. Lunch

1:00 p.m. Afternoon Presentations

- Acoustic Free Velocity Source Determination on an Air Compressor
- Measurement of Dynamic Stiffness of Spring Isolators
- Effects of Modifying a Transmission Cover by Adding Mass
- Continuing Work on Muffler Flow Transmission Loss Measurements
- Installation of Resonators at Partial Enclosure Openings
- Design and Evaluation of a Double Tuned Expansion Chamber with Flow
- From Gearbox Forces to Radiated Noise: Predicting the Complete NVH Path
- Characterization of a 3D Printed Binaural Head
- Continuing Work on Quiet Pickleball Paddles
- Diagnosis and Resolution of Combustion Oscillations on Two Water Heaters

4:00 p.m. Adjourn