



Program and Agenda

Fall Meeting of the
Vibro-Acoustics Consortium
November 7, 2019

NIU Naperville Conference Center
1120 E Diehl Rd
Naperville, IL 60563

8:00 a.m. Coffee and Pastries

8:30 a.m. Morning Presentations

- News and Notes
- Tutorial Constrained Layer Damping
- Determination of Acoustic Blocked Sources
- Muffler Insertion Loss Flow Rig Testing
- Evaluation of Simcenter: Continuing Work
- Measurement of Radiation Efficiency using a Scanning Approach
- Determination of Isolator Properties using Blocked Force Analysis
- 3D Printed Sound Absorbers: Continuing Work
- Blocked Force Determination at High Frequencies

12:00 p.m. Lunch

1:00 p.m. Afternoon Presentations

- Tutorial Impact Noise
- A Comparison of Different Smart Phones and Apps for Noise Prediction
- Sound Absorptive Lightweight Thermoplastic Panels – Continuing Work
- Simulation of Baffled Silencers including Reactive Elements
- Generator Set Panel Contribution Analysis
- Spreadsheet Validation on Generator Set and Bakery
- An Error Analysis on Maa's Equation
- Ray Tracing Analysis of a Bakery using VA-One
- Measurement of Radiation Efficiency via Particle Velocity Sensor
- Transmission Loss of Layered Materials including MPP

4:30 p.m. Adjourn