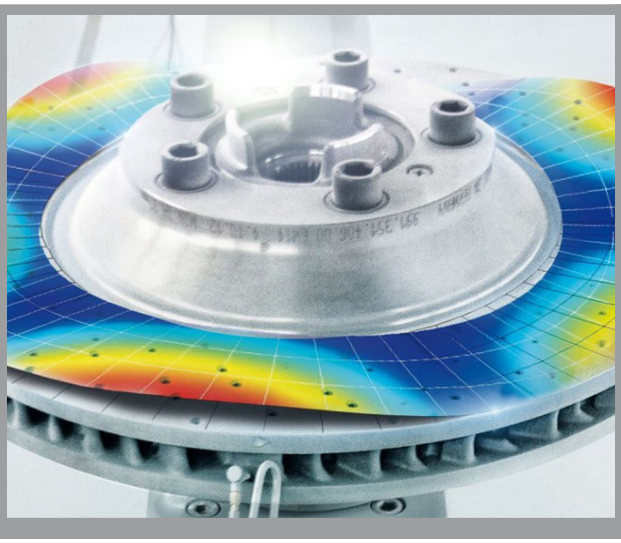
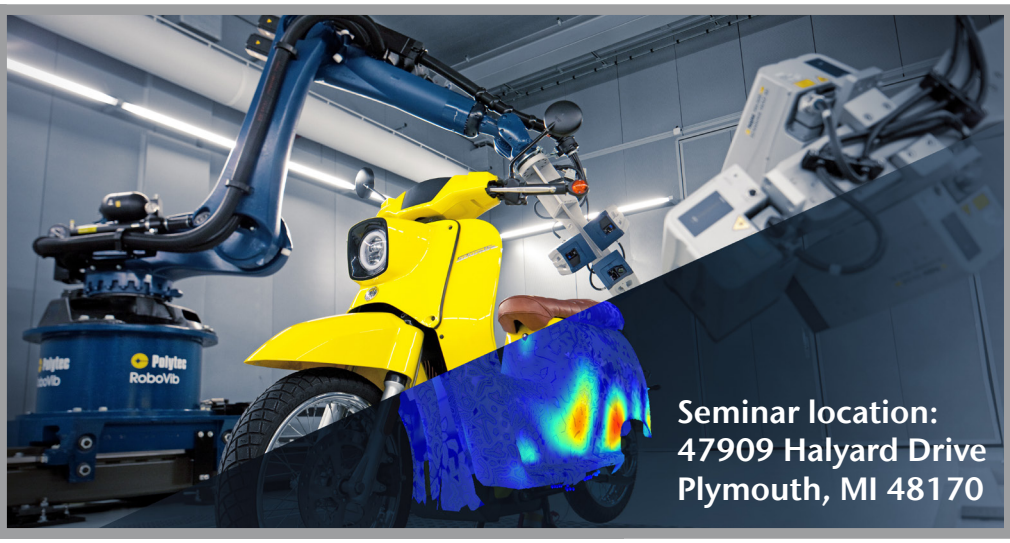
Polytec

Polytec technology seminar

For NVH, structural dynamics and surface metrology

FREE registration
Scan the QR code





Polytec technology seminar features the latest advancements in non-contact measurements: laser Doppler vibrometry (LDV), surface metrology and acoustic beamforming. Find out how these technologies are used for static and dynamic characterization in the fields of Automotive, Manufacturing, Aerospace, NDT, Ultrasonics and more. Polytec experts will be on hand to answer any of your questions about current and future measurement needs.

Agenda for Monday, October 24th 2022 (EST)

8:00 AM Continental breakfast

9:00 AM Welcome and introduction to Polytec

9:05 AM "Latest from the world of vibrometry - hardware and software updates" by Vikrant Palan

9:30 AM "Generating micro-resolution ultrasonic images using a laser vibrometer" by Jeong Na, Ph.D., Senior Tech Fellow at KBR

10:10 AM Coffee break

10:25 AM "Electric motor stator and rotor experimental modal analysis" by Aaron Lesky, VEV NVH Engineer at Ford

11:05 AM "Acoustic beamforming and phased array technology in sound source localization" by Dan Domme

11:30 AM "Non-contact Surface Metrology measurements for R&D and production applications" by Osama Jameel

11:55 AM "LDV measuring systems in R&D projects for automotive" by Stanislav Klusácek, Researcher at Laboratory of Smart Sensors at Brno University of Technology

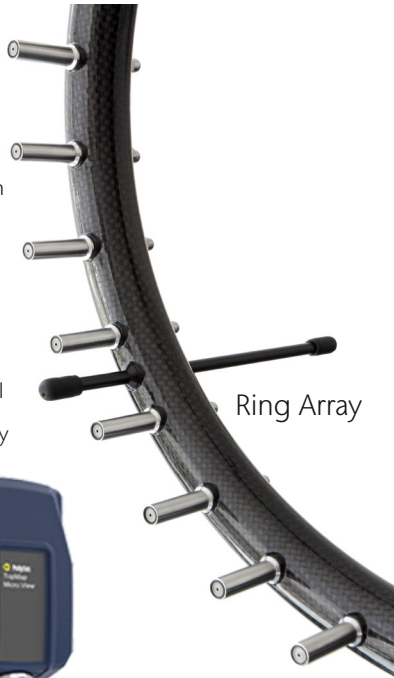
12:20 PM Lunch

1:10 PM Breakout session workstations - **bring one sample per person to measure!**

Live measurement example and hands-on measurements

- **Modal testing with the RoboVib Test Station**
- **Portable Scanning Vibrometer (PSV-500)**
- **Surface Metrology Systems (TopMap Pro.Surf/Micro.View)**
- **Production testing with the IVS-500 Vibrometer**
- **Next generation of vibrometry - VibroFlex QTec**
- **Sound source localization with the Acoustic Camera**

4:00 PM Seminar completed



Ring Array

NEW

TopMap Micro.View optical profiler