

# Sound & Vibration Measurements – ME 459/659

**Spring 2019**

invites ME students and faculty to a unique presentation from a practicing engineer

**Date: Thursday, January 31, 5:30-6:30 pm JCAIN 202**

## Adventures in Field Vibration Testing

### Abstract

Adventures in Field Vibration Testing includes a number of short case studies from vibration and noise measurement projects completed by an active mechanical engineering consultant across multiple industries including power generation, refining, petrochemical, water treatment and others. The variety of applications and measurement technologies discussed will provide attendees with exposure to real world machinery and structural vibration problems and solutions as well as a candid look at what they can expect from a career in engineering consulting.

### Presenter Bio

Dustin Pavelek is a Sr. Consultant with Kelm Engineering, LLC where he is responsible for conducting analytical studies and field vibration testing for rotating and reciprocating machinery. He previously served as a member of corporate Machinery Engineering and Predictive Maintenance groups in the petrochemical and power generation industries. He is a proud graduate of Texas A&M University and holds a B.S. ('04) and an M.S. ('06) in Mechanical Engineering. Pavelek is a registered professional engineer in the States of Texas and Louisiana and is a Certified ISO Category IV Vibration Analyst through the Vibration Institute.

Luis San Andrés, Class Instructor and Host ([lsanandres@tamu.edu](mailto:lsanandres@tamu.edu))