Machinery Vibration and Rotordynamics
April 6-10, 2026
Location: DoubleTree by Hilton Houston Intercontinental Airport hotel
15747 John F. Kennedy Blvd. Houston, TX

Monday

8:30 – 10:00	**Vibration basics**	**Ertas-1**
10:00 – 10:30	***Break***	
10:30 – 12:00	**Rotordynamic fundamentals**	**Ertas-2**
12:00 – 1:00	***Lunch Break***	
1:00 – 2:30	**Rotordynamic Stability**	**Ertas-3**
2:30 – 3:00	***Break***	
3:00 – 4:30	**Vibration Mitigation and Machine Applications**	**Ertas-4**

Tuesday

8:30 – 10:00	**Ertas-Vance- Planning and Making Rotordynamic Measurements**	**Ertas-5**
10:00 – 10:30	***Break***	
10:30 – 12:00	**Ertas Free_Free_Impact_Hammer_Testing**	**Ertas-6.1**
	Ertas Synchronous Response to Rotor Imbalance	**Ertas-6.2**
	Ertas-Vance Making Vibration Measurements Work Together	**Ertas-6.3**
12:00 – 1:00	***Lunch Break***	
1:00 – 2:30	**Ertas-Zeidan 4 Fluid Film Bearing Fundamentals**	**Ertas-7**
2:30 – 3:00	***Break***	
3:00 – 4:30	**Ertas- Fluid Fim bearings: Addendum on fundamentals, Force Coefficients Case study, Parameter Identification Method**	**Ertas-8**

Wednesday

8:30 – 10:00	**Liquid Seals and Their Effect on Pump Rotordynamics**	**San Andrés-9**
10:00 – 10:30	***Break***	
10:30 – 12:00	**Gas Seals and Their Effect on Steam Turbine and Compressor Rotordynamics**	**San Andrés-10**
12:00 – 1:00	***Lunch Break***	
1:00 – 2:30	**Squeeze Film Dampers, Design, Operations, Models and Technical Issues**	**San Andrés-11**
2:30 – 3:00	***Break***	
3:00 – 4:30	**Gas Bearings for Turbomachinery**	**San Andrés-12**

Thursday

8:30 – 10:00	**Torsional Vibrations Overview and Analysis**	**Delgado-15**
10:00 – 10:30	***Break***	
10:30 – 12:00	**Torsional Vibrations, continued**	**Delgado-16**
12:00 – 1:00	***Lunch Break***	
1:00 – 2:30	**Rotordynamics Overview and API Requirements**	**Delgado-17**
2:30 – 3:00	***Break***	
3:00 – 4:30	**Introduction to Computer Modeling of Rotordynamics**	**Delgado-18**

Friday

8:30 – 10:00	**Computer Modeling of Transient Rotordynamics**	**Delgado-19**
10:00 – 10:15	***Break (note 15 minute today)***	
10:15 – 11:30	**Computer Modeling Demonstration**	**Delgado-no files**
11:30-12:15	***Lunch Break (note 3/4 hour today)***	
12:15 – 2:00	**Computer Modeling Demonstration**	**Delgado-no files**
2:00 – 2:15	***Break (note 15 minute today)***	
2:15 – 3:45	**Computer Modeling Demonstration**	