Alta Solutions

2022 Alta Solutions User Group

Register now for the In-person and Virtual 2022 Alta Solutions User Group meeting held on May 17th through May 19th, in Houston, TX.

This event will focus on software training and include informative case studies by industry experts. This meeting will be divided into several training classes ranging from basic to advanced training.

The options give you the best possible experience at the best value.

TOPICS OF DISCUSSION

General Training
- Turbomachinery Data Acquisition
- Rotor Dynamic Signal Processing

Software Training
- General Application Layout
- Data Acquisition and Analysis Configuration
- Machine Train Basics
- Basic Displays
- Advanced Transient Displays
- Building Customized Displays
- Latest Software Features
- Software Roadmap

Tutorials
- Setting a Machine Startup using the Machine Train
- Performing Modal Test on a Simple Structure
- Using Demodulated Spectrum
- Understanding Shaft Synchronous Sampling

Day 1
- Signal Processing Basics
- Machinery Vibration Primer
- Alta Solutions Product Overview
- AS-1250FE Hardware Setup
- AS-250/AS-410 Software Installation
- Introduction to AS-410 Software
- Hot Key and Toolbar
- Time/Spectrum Plots (Drag & Drop, Locks, Cursors, Annotation)

Day 2
- AS-250/AS-400/AS-410 Software Applications
- AS-400 Software Introduction
- Understanding Automated Tach Threshold
- Trend Plots
- Digital Recording vs Data Snapshot
- Building Customized Display/Report Generation
- Waterfall Plots
- Modal Analysis

Day 3
- AS-410 Advanced Software Configuration
- Configuring Machine Train for Advanced Transient Analysis
- Working with Machine Train Displays
- Transient Plots (Bode, Polar) - Run Out Subtraction
- Filtered Waveforms & Orbits
- Full-Spectrum Analysis
- Shaft Synchronous Sampling
- Demodulation
- Averaging/Transfer Functions

Conference Location

ASUG HOUSTON 2022

Crowne Plaza Shenandoah – The Woodlands

19333 David Memorial Drive

Shenandoah, TX 77385

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12580 Stowe Drive, Poway CA 92064, USA • (877) 258-2765 • www.altasol.com • sales@altasol.com