

Optimizing Machinery Reliability

Precision Laser Alignment and 6-Channel Vibration Monitoring

This session will explore how modern diagnostic tools can improve machinery reliability, reduce unplanned downtime, and enhance maintenance efficiency.



Seminar Details

Date: 20 August 2026 (Thursday)

Time: 9:00am to 5:00pm

Venue:

Voco Orchard Singapore
Panorama Room



SCAN ME



Who Should Attend

- Vibration analyst
- Alignment specialist
- Maintenance engineers / managers
- Reliability engineers / managers
- Maintenance planner
- Plant managers



Precision Shaft Alignment with Single-Laser Double-Detector Technology

- How single-laser, double-detector systems improve measurement accuracy and simplify alignment procedures.
- Practical applications for rotating equipment such as pumps, motors, compressors, and gearboxes.
- Reducing misalignment-related failures, energy consumption, and maintenance costs.

Advanced Vibration Condition Monitoring Using a 6-Channel Synchronous Vibration Analyzer

- How fast and easy vibration data can be collected uploaded to cloud software
- How a 6-channel analyzer can simultaneously monitor vibration from two bearings across six measurement vectors.
- Using 2 Triaxial sensors synchronous vibration analysis to evaluate machine operating conditions relative to acceptance evaluation of critical speeds.

For more Information,
Contact Us Today!

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Key Topics: Alignment

1. **Single laser Bi-detector**

- Fast setup, good for long spacer shaft, infinite sensor range

2. **Intelligent System (IS) - adaptive alignment**

- Intellimodes for different coupling applications, basic AI, errand data suppression, feedback to human

3. **Soft-foot and Thermal growth measurement**

- Direct measurement on soft-foot indication and thermal growth offset

4. **Report out module with ROI and direct emailing**

- Direct reporting with ease over email or on the device

Key Topics: Vibration

1. **6-Channel 2 bearings**

- Evaluate all parameters at the same time between 2 bearings

2. **Machine critical speed acceptance evaluation with 6 channels**

- Evaluate all vibration parameters with direction synchronously with one measurement

3. **2 Triax in route synchronous**

- Fast machine data collection



Karl Achter (Charly)

Senior Product Manager

Vibration Portfolio, Fluke Corporation



He leads Fluke's Condition Monitoring portfolio with 30+ years of technical expertise. His career spans service engineering, global technical support, and leadership roles across international markets, driving innovative industrial monitoring solutions.

Jonathan Gough

Senior Product Manager

Alignment Portfolio, Fluke Corporation



He manages Fluke's global Alignment product portfolio with 30+ years of experience. Since joining Proftechnik in 1995, his career spans regional sales engineering in the UK, General Manager for Southeast Asia, and international sales leadership in Germany, where he established the company's first Product Management team.

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Agenda of the day

08:30 – 09:00

Registration

09:00 – 10:30

Vibration: 6 Channels 2 bearings and critical speed acceptance evaluation

10:30 – 11:00

Break

11:00 – 11:45

Vibration: Critical speed acceptance evaluation and route creation

11:45 – 13:00

Lunch

13:00 – 14:30

Single laser Bi-detector features (ease setup/infinite range), Intelligent System modes (IS) with quality factors and life feedback to human

14:30 – 15:00

Break

15:00 – 16:30

Soft-foot, Thermal growth and Reporting

16:30 – 17:00

Lucky Draw, Q&A

