



Non-Destructive Testing (NDT) Webinar Mobile Ultrasonic Rail Testing System

Presenter: Professor Henning Heuer

The SoniQ Rail Explorer (SRE) developed for Vossloh Rail Services GmbH at Fraunhofer IKTS, enhances rail network maintenance by combining multiple non-destructive testing systems into a single ultrasonic device. It gathers diverse data in one run, integrating video, ultrasonic signals, and GPS information for accurate analysis. Supported by AI, it improves pattern recognition and maintenance strategies. The SRE's adaptable ultrasonic inspection wheel ensures reliable positioning, extending its capabilities beyond traditional testing.

Why Attend?

- Learn about the latest advancements in rail maintenance technology.
- Discover how the SRE can improve operational safety and inspection efficiency.
- Understand how AI-driven predictions can enhance your maintenance strategies and asset management.
- Engage with expert Professor Henning Heuer during the Q&A session.
- Connect with industry professionals and peers.

**Creative thinkers
made here.**



When

Tuesday, 24 June 2025
3 pm - 4 pm (AWST)

Where

Online

Cost

Free

Register

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