ECU EDITH COWAN UNIVERSITY

Fraunhofer IKTS

Non-Destructive Testing (NDT) Webinar

From Fiber to Component - Current Testing and Monitoring Techniques for CFRP

Presenters: Dr Killian Tschöke and Dr Martin Schulze

Carbon fiber-reinforced components are valued for their high strength and low weight, making them ideal for highly stressed structures like containers, pressure vessels, and vehicle components. Monitoring these components in environmental, energy, or process engineering helps detect weak spots early, reducing downtime, increasing safety, and lowering costs.

Fraunhofer IKTS develops automated ultrasonic and eddy current testing technologies to detect manufacturing defects in carbon fiber components. Their seminar covers systems for testing high-performance carbon fiber fabrics and monitoring H2 pressure vessels. They offer a complete development chain for monitoring systems, from sensor design to integration and testing. The webinar provides an overview of non-destructive testing techniques, system integration, and their limitations.

Why Attend?

- Learn about the latest advancements in CFRP testing and monitoring.
- Discover how advanced monitoring techniques can improve safety and reduce downtimes.
- Understand how to lower operating costs through early detection of weak spots.
- Engage with experts Dr Killian Tschöke and Martin Schulze during the Q&A session and connect with industry professional and peers.

When
Tuesday, 1 July 2025
3 pm - 4 pm (AWST)

Where
Online

Cost
Free

Register
https://www.trybooking.com/DAVQJ or scan QR code

REGISTER NOW

Creative thinkers made here.

+61 8 6304 5009
For more information click here