2025 Training Day Update

GTUF Summer 2025 Conference – Training Day

GTUF is excited to announce the presenters for the GTUF Summer 2025 Conference Training Day, taking place at the Rydges South Bank Hotel in Brisbane, Queensland, on December 4, 2025.

This exclusive event is open only to representatives of GTUF Member companies.

The following presenters will lead training and education sessions during the day:

AM Stream 1 – E&IC Session 1	**Woodward Control Systems: GAP Software and Application Insights**	

Presenter:

Muhammad Samiul Alam MIEAust CPEng NER

Staff Application Engineer - Woodward by PM Control, Australia

Biography

Samiul has 18 years of experience in application engineering across multiple continents. He is a design and application engineering with a focus on Power Management systems.

Samiul is an in-house trainer for Woodward controllers and related application programming.

Synopsis

- Introduction to Woodward Controllers for Gas Turbine Applications
- Basics of Graphical Application Programming (GAP)
- Overview of AppManager and Control Assistant
- Introduction to iFix HMI and New Generation Webspace Systems.

AM Stream 1 – E&IC Session 2	**MkVIe basic training and DLE introduction**
Presenter:	**Rob Barnett** Asia & Australia Regional Manager **Biography** Rob is a seasoned instrument and controls expert specializing in GE LM Gas Turbines, with over 15 years of experience. Proven leader skilled in managing multicultural teams and delivering projects safely, on time, and within budget. Highly organized and proactive, prioritizing health and safety throughout all project phases.
Synopsis • Basic training in GE MkVIe gas turbine controller. • Introduction to DLE tuning	

AM Stream 2 – Mech & Plant Session 1	**Engineering Solutions and Condition Monitoring for GT Exhaust Expansion Joints**
Presenter: 	**Jake Waterhouse** CEng, FIMechE Managing Director DEKOMTE de Temple Expansion Joint Technology **Biography** Jake Waterhouse is Managing Director of DEKOMTE de Temple Expansion Joint Technology, where he has led the group's global strategy, technical innovation, and business development for over two decades. A Chartered Mechanical Engineer (CEng, FIMechE), Jake combines deep engineering expertise with strategic leadership, driving quality and customer service across international markets. He has founded and managed multiple DEKOMTE group companies in the UK, USA, and Europe, fostering integration and growth. Renowned for advancing expansion joint technology, Jake regularly presents technical papers and workshops, championing engineering excellence and innovation in industrial applications worldwide
Synopsis • Inspecting Expansion Joints • Gas Turbine Exhaust Case Studies • CCGT Solutions • R&D Projects	

Stream 2 – Mech & Plant Session 2	**Understanding Whitemetal bearings**	

Presenter: **Mohsin Khan** M Eng

International Sales Manager

Biography

With a strong technical foundation and a global outlook, Mohsin Khan connects Alloy Bearings' engineering excellence with customers across Australasia, Southeast Asia, and beyond. His background in mechanical systems and rotating-equipment solutions enables him to translate complex bearing challenges into clear, value-driven outcomes.

Mohsin is passionate about helping operators extend equipment life, reduce downtime, and achieve "as-new" performance through OEM-spec refurbishments and replacement bearings. Known for his approachable style and deep product knowledge, he builds long-term partnerships grounded in trust, technical credibility, and measurable results.

Synopsis

- Basics of Bearings and Whitemetal
- Quality Standards of Bearings – what is acceptable and what isn't.
- Manufacturing Process of New Bearings vs Refurbishment Process of Existing Bearings
- Failure Modes

PM Session – GT Plant	**Rotordynamic diagnostics modelling, for troubleshooting and predictive maintenance strategies**	

Presenter: **Gerard Brookhuis**

Principal Consultant – Rotating Equipment Reliability

Biography

Gerard is machinery diagnostics SME with over 20 years of industry experience, including a decade of applying rotordynamic modelling to solve complex machine vibration issues within Australia and globally. Among his key accomplishments is the development of a near real-time rotordynamic diagnostic tool that monitors the health of 200+ machines globally.

Synopsis

- An introduction to rotordynamics
- Simple single degree-of-freedom systems and their practical applications
- Key elements involved in modelling a full rotor
- How malfunctions can be simulated using rotordynamic software
- A method for comparing field data with simulated inputs
- A selection of relevant case studies