

	Website	www.pdmsymposium.com
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VIRTUAL EVENT (NIGERIA EDITION)

PdM Symposium

Predictive Maintenance Symposium

OVERVIEW

An online event for operations and maintenance managers, supervisors, team leads, engineers and technicians to learn about the latest trends and good practices shaping asset integrity management from seasoned professionals to improve asset reliability, reduce operating costs, and enhance safety and compliance across the oil & gas, marine, and power generation sectors.

Date	Tues. 7 July 2026
Time	2:00 pm – 4:00 pm
Venue	Online (Zoom)
Registration	Free Event

SUPPORTED BY



PROGRAMME

14:00-14:05	Welcome and Introductions	
14:05-14:25	Implementing Vibration Diagnostics for Rotating Equipment Dr Gbanaibolou Jombo ▪ Carapa Engineering Limited This talk provides an overview of vibration analysis practices essential for effective condition monitoring and fault diagnosis in rotating machinery. It covers key principles of vibration measurement, data acquisition, and signal interpretation, alongside common fault signatures and diagnostic techniques. The session highlights modern tools and approaches used in vibration monitoring and analysis for early fault detection, and data-driven maintenance decision-making.	
14:25-14:45	Predictive Maintenance for Oil and Gas Methane Reduction Dr Sunday Kansho ▪ Fleissen & Company This talk provides an overview of how predictive maintenance can be leveraged to reduce methane emissions across oil and gas operations. It examines the relationship between equipment condition, asset reliability, and methane loss, with particular attention to gas compressors, valves, flanges, pneumatic devices, storage tanks, vapour recovery systems, and flares. The session highlights how condition monitoring, sensor data, maintenance analytics, and Leak Detection and Repair (LDAR) programmes can be integrated to detect early signs of equipment deterioration, prevent abnormal venting and leaks, and support more accurate methane measurement, reporting, and verification.	
14:45-15:05	Marine Survey & Inspection: Leveraging Technology for Predictive Asset Integrity Dr Elakpa A. Augustine ▪ Somatrix Marine Limited Traditional marine surveys are increasingly inadequate for the complexity of modern vessel operations. This talk explores how Somatrix Marine integrates advanced inspection technologies, including remote sensing, condition monitoring, and data-driven diagnostic tools, to deliver proactive asset integrity management. Drawing from real operational contexts in Nigeria's marine sector, we highlight how structured inspection frameworks reduce unplanned downtime, extend asset life, and support safer, more cost-efficient vessel operations. A practical look at where survey meets predictive maintenance.	
15:05-15:25	Gas Turbine Performance Enhancement and Monitoring Dr Uyioghosa Igie ▪ Cranfield University Cranfield University delivers a portfolio of specialist short courses supporting the development of engineers and technical leaders across the gas turbine, aerospace and energy sectors. Areas of expertise include gas turbine performance,	

	combustion, rotor dynamics, mechanical integrity, digital twin technologies, operations and maintenance, condition monitoring, combined cycle gas turbines and hydrogen-powered aviation. Many of these five-day courses are delivered on Cranfield's campus. We also offer bespoke training short courses globally that can be tailored to organisational needs and delivered internationally at client locations. Previous examples include Siemens Energy, Saudi Aramco, Defence Research and Development Organisation (India).
15:25-15:55	Panel Session with Q&A
15:55-16:00	Closing