



NON-DESTRUCTIVE TESTING SOCIETY (SINGAPORE)

9, Jurong Town Hall Road, #02-21, Singapore – 609431

Tel: +65-62570370 / Email: membership@ndtss.org.sg / www.ndtss.org.sg

Technical Seminar / Webinar on Advanced NDT Technology for Reliability and Productivity

Presented by: Dr Christopher Lane, Sales Manager NDT System and Integration;
Dennis Chai, Applications.

VENUE : Online / Webinar (Team)
Organizer : NDTSS / OLYMPUS
DATE : 08 Oct 2020
TIME : 6.00 PM to 7.30 PM
Cost : Member Free, Non Member S\$50
Link : <https://ndtss.org.sg/events/> - For Member

Non-Member email to [M S Vetri](mailto:MSVetri@ndtss.org.sg), for registration membership@ndtss.org.sg

The link to join the webinar would be provided closer to the event date.

Registration Deadline : 06 Oct 2020.

Don't miss the opportunity. Register early.

Any doubt, email to membership@ndtss.org.sg

ABSTRACT

The manufacturers of safety-critical engineering components require high-speed and high-reliability inspections to meet their production requirements. Whilst the end-users of these products demand the maximum sensitivity and coverage to ensure the highest safety during in-service operation.

In this talk, the utilization of advanced NDE techniques to meet these competing demands will be presented. A number of case studies of advanced inspection technologies for different applications will be discussed.

The case studies will range from: new manual scanner technology for in-service pipe line inspection, where the operator can set up and perform the scan independently without needing to manipulate or monitor the data acquisition instrument using a unique on-scanner display; robotic inspection solutions for aerospace applications.



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About the speaker:

Dr. Christopher Lane is the Olympus Sales Manager for NDT Systems and Integration for the Asia Pacific region. He graduated from the University of Bristol, UK with a First-Class degree in Mechanical Engineering in 2007 and was awarded an Engineering Doctorate (EngD) from the same University in 2011. His EngD topic was the development of 2D ultrasonic arrays and the total focusing method (TFM) for aerospace applications.

Christopher has worked in NDT for the last 12 years, first as a Level III at Rolls-Royce plc and later developing advanced inspection systems at A*STAR's ARTC in Singapore. He has been awarded the British Institute of NDT Young Person's Achievement Award and the Rolls-Royce Award for Technical Innovation. Christopher is an Honorary Technical Editor of the BINDT journal Insight.

Dennis Chai, Olympus NDT Application Specialist, has over 17 years of NDT experience. This includes eight years working as an inspector in the Oil & Gas construction and maintenance industry, utilizing UT, ECT, and MFL techniques and advanced methods such as PA and TOFD. For the last nine years, Dennis has been working on the development, deployment and support of cutting-edge NDT products and solutions in the Asia-Pacific region. Recently he has been heavily involved in the design of novel inspection solutions for austenitic welds, FMC/TFM applications, and corrosion inspections in components with complex geometry."

Thanking you, For & Behalf of NDTSS

**P. Pugalendhi (Pugal),
Honorary Secretary.**