



TNCHE Asia 2025 Conference
" Accelerating Industrial Decarbonization:
Digital-AI and Energy Transformation "
Presenter's Biodata & Abstract



Full Name : Ler Lian Wee, PhD

Organization : Uncountable Inc.

Current Position : Event Marketing Manager, APAC

Title of Presentation : How to Optimize R&D with a Unified Laboratory Informatics Solution

Presentation Abstract:

Managing vast amounts of data across diverse applications and tools remains a persistent challenge for materials, chemicals, and broader R&D teams worldwide. Legacy data systems and traditional solutions struggle to handle the complexity of formulation, measurement, testing, and analysis—leading to inefficiencies, errors, and suboptimal decision-making. However, modern structured data systems and unified laboratory informatics platforms are now transforming materials and chemical development, enabling better innovation and data-driven insights.

In this presentation, Dr. Ler Lian Wee, Uncountable's APAC Marketing Manager, will explore the limitations of legacy data systems and the advantages of adopting a Unified Laboratory Informatics Software solution. Attendees will learn how structured data systems can streamline workflows, enhance collaboration, and ensure data accuracy and accessibility for improved decision-making. The session will also clarify key differences between traditional tools (such as ELNs and LIMS) and modern structured



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data systems. Don't miss this opportunity to elevate your R&D processes and accelerate innovation.

Note: It is recommended that a tentative title of the presentation and abstract should be submitted by **Mar 17, 2025** or ASAP.

The updated presenter's info, the exact title, and abstract should be submitted soon afterward or by **Mar 31, 2025** for inclusion in the e-Abstract book. In the case of multiple presenters, it is sufficient to fill in only the main presenter's info.

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Please also provide the logo of the presenter's organization (if available).