

# **Hoa Bui presents - Maintenance scheduling optimisation in the resources and energy industry**

In academic literature, maintenance scheduling optimisation is often seen as a type of resource-constrained project scheduling problem, a topic studied extensively since the late 1950s. However, existing mathematical models and solution methods, including exact, heuristic, and meta-heuristic approaches, are not fully suited for the unique challenges of real-world scheduling problems in the resources and energy industry, characterised by their large-scale and tight constraints.

In this presentation, [Hoa](#) will give a general picture on how researchers at the Optimisation Theme at ITTC are working to bridge these gaps and develop practical solutions for optimising maintenance schedules for our industry partners.

When - 1.30pm Friday 15 December 2023

Where - Microsoft Teams meeting

**Join on your computer, mobile app or room device**

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