



## **Technical Webinar**

Co-Organised by

The Joint Branch of the RINA and IMarEST (Singapore)

The Society of Naval Architects and Marine Engineers Singapore

Singapore Shipping Association

### **Enabling a green and resilient supply chain of spare parts through 3D printing**

by



**Mr. Daniel Tan**

**Venture Technology Lead | 3D Printing | Wilhelmsen Ships Service**

**Date : 20 January 2022**

**Time : The webinar will begin at 5:30 pm and end at 7.00 pm (SGT)**

**To register your attendance, please click the web-link below:**

<https://www.eventbrite.sg/e/enabling-a-green-and-resilient-supply-chain-of-spare-parts-through-3d-print-tickets-234716361957>

Please, note this webinar is open to our members and guests. For the benefit of those who had pre-registered, please, do not share the access link further after registration. Log in time starts 30 minutes before the event.



## Synopsis

Wilhelmsen and thyssenkrupp have come together in a ground-breaking partnership that leverages on thyssenkrupp's expertise in 3D printing and Wilhelmsen's long standing supply know-how and extensive maritime distribution network to offer a better way to source for spare parts - through their additive manufacturing fulfilment platform, with product testing and quality assurance endorsed by DNV. The venture is manufacturing spare parts on-demand using 3D printing and other technologies, close to the point of need, solving key spare part pain points: long lead time, poor part performance, part obsolescence. Serving more than 3500 vessels and multiple OEMs, e.g., Kongsberg Maritime, Kawasaki Heavy Industries and Valland, the venture is enabling the transition to a digital supply chain in the maritime and offshore industry.

## About the Speaker

Daniel is the Venture Technology Lead for the Wilhelmsen | thyssenkrupp 3D printing venture. He looks after the process architecture for the venture's operations and assesses the digital capabilities that would be onboarded to its digital platform. The digital platform forms the ecosystem for the venture's 3D printing partners, and Daniel engages these partners to assess their capabilities for a wide array of maritime applications. A mechanical engineer by training, Daniel had 10 years prior experience in leading research programmes for government agencies in the maritime and aviation sectors and ran R&D centres and technology roadmaps for ops critical systems.