

# EVENING TECHNICAL MEETING

16 June 2021

5.30pm - 8.30pm

Parmelia Hilton, Mill Street, Perth 6000



## INNOVATIONS IN INSPECTION, MAINTENANCE AND REPAIR

### *Latest developments in control systems IMR Paul Georgeson, A60N*

Subsea electrical reliability has always been a challenge for Australian Operators. Recent umbilical termination assembly repair campaigns on the NWS have provided opportunities to recover used electrical equipment and perform over forty Root Cause Analyses.

This presentation will summarise the RCA findings and associated learnings, highlight the value of recovering equipment and explore recent developments in the IMR space.

### *Looking above the water: Rapid Delivery of Subsea Intervention Technologies*

#### *Iain Wylie, Oceaneering*

Many challenges in the subsea environment are thought to be unique but are typically extreme use cases of existing topside technology. While inventing is satisfying for many engineers, marinization of existing topside technology leverages much larger markets extensive development, track record, and reduced unit cost. Oceaneering's Engineered Solutions group looks at all industries from agriculture to refineries to find valuable solutions. The technology is evaluated against the subsea environment to understand how it will behave and what modifications are required. New solutions for the subsea industry are then quickly brought to market at a fraction of the cost and risk of traditional research and development. The ROV Installable Ultrasonic Gas Flowmeter is presented as an example of this process.

### *Applications for composite materials in IMR Jason LeCoultre, IAS Group*

Composite materials, utilizing carbon or glass fibre with resins such as epoxies, are used in industries such as Marine, Wind Energy, Aerospace, Automotive and Infrastructure for reasons such as; low installation and manufacture cost, low maintenance costs, they don't corrode, and they are superior in fatigue (compression and tension) compared to metals.

This presentation will look at the performance of composites and how these materials perform underwater and in Oil & Gas applications.

**REGISTER NOW: <https://juneetm.eventbrite.com.au>**

Registration Cost	Early Bird (ends 9 June)	Regular (from 10 June)	Onsite
Member: Student/Individual/Corporate	\$30	\$40	\$45
Non-Members	\$50	\$60	\$65
5 Ticket Member Pass	\$125	\$200	\$225
5 Ticket Non-Member Pass	\$225	\$300	\$325