

Royal Institution of Naval Architects North West Branch

A Local Branch of the RINA

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THE ROYAL INSTITUTION
OF NAVAL ARCHITECTS

Date: Thursday 23rd February 2023

Time: 6:00 pm GMT (Refreshments from 5:30 pm)

Venue: John Moores University, James Parsons Building, Byrom Street, Liverpool, L3 3AF, Room No. 5.06 and Via Zoom

Zoom Details: Meeting ID: 856 9552 5166

Passcode: 275161

Organiser: RINA North West Branch

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A Tailored Risk Assessment for Floating Offshore Wind Turbines

Presented by Gabriela Grasu Senior Outfitting Engineer, BAE Systems



Source: <https://www.rina.org.uk/membership.html>

Floating Offshore Wind has the potential to provide an effective solution for the increasing energy demand of coastal communities around the world if the specific risks associated with this novel technology are understood and evaluated.

This lecture presents a tailored methodology for performing a risk assessment of Floating Offshore Wind Turbines (FOWT) which introduces the technology category as a key parameter for ranking the failure modes. The proposed methodology has also added granularity to the obtained risk score and has eliminated some of the biases associated with the qualitative risk assessment.

This work has been recently published in Energy Reports journal.

Gabriela Grasu is a Senior Outfitting Engineer at BAE Systems where she undertakes basic design for outfitting systems of naval ships. With over 30 years of experience in shipbuilding, Gabriela is a Chartered Engineer and a Member of The Royal Institution of Naval Architects since 2017. She is a Committee Member of RINA North West Branch and is in her final year of MSc in Marine Offshore Renewable Energy at Newcastle University, United Kingdom.

The talk is free and open to all those interested.

Continued Professional Development	Certificate of Attendance at Technical Meeting by Branch Committee Member
	Name Signed