

Structural Integrity Technical Group Webinar - Fracture Toughness and Offshore Applications - Latest Research Findings

27 October 2022

Zoom

10:00	Introduction	David Reeves Senior Materials, Welding and NDT Engineer Nova People AG
10:05	What is NSIRC?	Hannah Stedman NSIRC Operations Project Leader, TWI Ltd
11:00	Using a Constraint Loss Approach to Assess Notch Fracture Toughness	Oliver Logan ECA Engineer Subsea 7, University of Bristol
11:25	Improving reliability assessment of offshore structures using Bayesian methods	Hadi Khalili Senior Structural Engineer Aker Solutions Ltd
11:50	Break	
12:05	Characterization and Early Detection of Hydrogen Embrittlement in Offshore Bolts using Acoustic Emission	Nokhaiz Sabir PhD Student University of Warwick and TWI Ltd
12:30	Probabilistic methods for treatment of welding residual stress in integrity assessments	Matthew Weltevreden PhD student University of Bristol and TWI Ltd
12:55	Development of Novel Coating Systems for Mitigating Corrosion of Offshore Wind Turbines	Adamantini Loukodimou PhD Student University of Leicester, NSIRC
13:20	Q&A	Speaker Panel
13:45	Close and thank you	