Oil & Gas Industry Panel Meeting

Day 1: Wednesday 3 March 2021
Morning Session

AGENDA

08:30 – 08:45	Welcome, agenda and membership	Amina Boughrara Salman
08:45 – 09:00	Overview and highlights of TWI's Core Research Programme	Marcus Warwick
09:00 – 09:15	Overview of the Materials and Structural Integrity Group at TWI	Jon Blackburn
Chairman of session 1: Kasra Sotoudeh		
09:15 – 09:35	Magnification factor Mk for assessing fatigue crack growth of flaws at girth weld root toes	Yanhui Zhang
09:35 – 09:55	A method to improve the accuracy of fatigue life predictions of butt welds (new JIP idea)	Yanhui Zhang/Tyler London
09:55 – 10:05	Comfort break	
10:05 – 10:25	State-of-the-art review of the assessment qualification and use of mechanically lined pipes	Briony Holmes/Carol Johnston
10: 25 – 10:45	Annular corrosion in flexible pipes	Maria Eleni Mitzithra
10:45 – 11:05	The Influence of stress concentration and plastic strain on the resistance of precipitation -hardened nickel alloys to hydrogen embrittlement	David Griffiths
11:05 – 11:25	Defining safe service limits for austenitic stainless steel fasteners in saline environments (New JIP idea)	Imran Bhamji
11:25 – 11:55	Discussions and review of ideas received	ALL
12:00	Close Day 1	

Oil & Gas Industry Panel Meeting

Day 2: Thursday 4 March 2021
Morning Session

AGENDA

08:30 – 08:35	Welcome and agenda	Amina Boughrara Salman
08:35 – 08:55	Energy transition	Chris Punshon
Chairman of session 2: Tyler London		
08:55 – 09:15	Investigation of integrated additive manufacturing from feedstock to part quality	Adrian Addison
09:15 – 09:35	Additively manufactured metal lattices	Valerio Carollo
09:35 – 09:55	Corrosion of additively manufactured materials in the oil & gas industry	David Griffiths
09:55 – 10:15	Qualification and codification of reduced pressure power beam welding (New JIP idea)	Chris Punshon
10:15 – 10:25	Comfort break	
10:25 – 10:45	Comprehensive approach to the integrity assessment of critical structural components with ASPIRE	Chi Lee
10:45– 11:05	Independent study into sensors and coating solutions for the management of corrosion under insulation (CUI) (New JIP Idea)	Chi Lee/Dave Harvey
11:05 – 11:25	Development of a best practice guide for continuous structural health monitoring of offshore structures (New JIP idea)	Graham Edwards
11:25 – 11:55	Discussions and review of ideas received	All
12:00	Close Panel Meeting	