

Hot and Cold – Assuring fit for purpose joints – Welded and Non-Welded Connections

Good practice, qualification, assurance and testing

Virtual Events - 3-4 March 2021



CONFERENCE TECHNICAL PROGRAMME

With the ageing Oil and Gas infrastructure in the North Sea, and the desire to maintain up-time whilst paying the highest regard to both safety and cost, both welded and non-welded joints are now fundamental to the integrity management of pressurised equipment.

This conference, jointly organised by SPE Aberdeen and IMechE, will share knowledge and experiences of different types of hot and cold connections including what to look out for to equip engineers working at all levels to be able to ensure joints are fit for purpose. We will address pitfalls and provide tips and important things to watch out for upfront during installation and throughout the life of the joint and we will look at both recent developments and guidance in the use of mechanical connectors and the importance of ensuring the integrity of welded and non-welded connections.

Conference Chair Robin Hastings, Chrysaor explains “This year we want to deepen the discussion from last year’s conference on assurance of pressurised joints, whether they are made in the traditional welded (hot) fashion, or whether they employ one of the many mechanical (cold) techniques. Each joint type has its own nuances, and only by understanding those can you be confident that a joint is truly fit for service. The conference will provide a platform for those at the forefront of this technology to share their knowledge with the wider engineering community.”

BOOKING INFORMATION

For more information on how to book, visit www.spe-aberdeen.org, email aberdeen.events@spe-uk.org or call **01224 646311**

www.spe-aberdeen.org



Virtual Technical Programme

3rd & 4th March 2021

Wednesday 3rd March 2021	
09:00	Welcome - Conference Chairperson Robin Hastings, Chrysaor
09:05	Keynote Presentation Daniel Shuter - HSE
09:25	Roald Martin - DNV
09:35	John Nicolson - Spirit Energy
09:45	Panel discussion
10:05	Break
10:15	The role of Numerical Simulation in Fitness-forService Assessments of Flawed Connectors - Norton Straw
10:35	Assessment of corrosion in flanged joints - HSE
10:55	Using Ultrasonic Guided Wave NDT to investigate the feasibility of remotely inspecting pressure retaining O-rings in bolted connections - Fraser Nash
	Techbyte Sessions:
11:15	Mechanical connectors facilitate safe and costeffective diesel system pipework replacements in the North Sea - STATS Group
11:20	Oceaneering M5 flyable monobore connection systems - Oceaneering
11:25	Weld Free Hydraulic Connections - Hydrasun & Parker
11:30	Close

Thursday 4th March 2021	
09:00	Welcome - Session Chair
09:05	A case study in the use of a mechanical clamp on a leaking non-typical joint - Wood
09:25	The Justification of the use of Lokring on a fully welded system in a non-hazardous area: A case study - Lokring
09:45	An Insight into aspects of design, functionality and validation of downhole tubular threaded connections - Hunting
10:05	Break
10:15	Justification of mechanical connectors and the reduced risk over welded solutions - ICR
10:35	Development of Mechanical Connector Technologies - Connector Subsea Solutions
10:55	Friction Welding Joint Integrity - Claxton Energy
11:15	Cold spray, an alternative to weld repair - Total
	Techbyte Sessions:
11:35	Management of legacy/equipment after change of ownership - Elisian
11:40	Flexitallic
11:45	Close



Sponsorship, Exhibition and Advertising Opportunities

SPE Aberdeen and the IMechE are not for profit organisations. During these challenging times, raising sponsorship is vital, not only to the successful delivery of the conference but to enable both societies to invest back into the industry. By supporting this event, not only are you providing an important knowledge sharing and training opportunity for the industry, but you are also helping to support our future generation of young engineers.

Event Sponsor - £3,000 +VAT

- Key sponsor recognition with prominent branding across all materials pre and during the conference.
- Corporate branding on all title slides on each day
- Branding will appear in the abstract book along with company description
- Opportunity to contribute to social media post content
- Recognised by Conference Chair
- You may provide a short 1-2 minute video for showing during the breaks each day
- 3 free passes to conference

Registration Sponsor - £1,200 + VAT

- Opportunity to provide a downloadable notepad/brochure for delegates and have
- Corporate branding on all title slides on the day
- Branding will appear in the abstract book along with company description

- Opportunity to contribute to social media post content
- Recognised by Conference Chair
- 2 free passes to conference

Programme Sponsor - £1,200 +VAT

- Opportunity to sponsor either day 1 or day 2
- Corporate branding on all title slides on the day
- Branding will appear in the abstract book along with company description
- Opportunity to contribute to social media post content
- Recognised by Conference Chair
- 2 free passes to conference

Coffee Break Sponsor - £1,200 +VAT

- Opportunity to provide a short 1-2 minute video for the coffee breaks
- Corporate branding on all title slides on the day
- Branding will appear in the abstract book along with company description
- Opportunity to contribute to social media post content
- Recognised by Conference Chair
- 2 free passes to conference

Showcase - £500+VAT

- Opportunity to provide a short 1-2 minute video/content for play during the conference break.
- Recognised by Conference Chair
- 1 free pass to conference

Advertising in the Abstract Books

If you would like to place an advert in our Abstracts Book that all attendees will receive, the costs are:

Quarter page - £250 + VAT

Half page - £400 + VAT

Virtual Exhibitor - £950+VAT

Benefits of being a virtual exhibitor include:

- Company logo and description on both SPE Aberdeen and IMechE websites
- Mention in social media in the run up to the event and opportunity to provide content
- Opportunity to provide delegates with a handout
- Opportunity to provide short 1-2 minute video for the breaks which could either be a corporate presentation or technology demo.
- Free access to all conference sessions for two delegates
- Access to the attendee list
- Opportunity to run a separate interactive break-out session either during the break or at the end of the session.

