

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.

Introducing the Technical Authority Discussion Forum!

We are excited to announce that we have six Technical Authorities that will be available to answer whatever questions you have on 3 March straight after the last presentation of the day. This is your chance to speak to the TA's from TAQA, Apache, Total and Chrysaor and see how views differ from operator to operator.

To submit your question in advance
email aberdeen.events@spe-uk.org

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



CHRYSAOR

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	Expectations of the Verifier - 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 - Dr Simon Lewis, Norton Straw
10:35	Assessment of corrosion in flanged joints - James Hobbs, HSE
10:55	Using Ultrasonic Guided Wave NDT to investigate the feasibility of remotely inspecting pressure retaining O-rings in bolted connections - James Pettit & James Strong, Frazer Nash
	Techbyte Sessions:
11:15	Mechanical connectors facilitate safe and costeffective diesel system pipework replacements in the North Sea - Aiden Hardy, STATS Group
11:20	Oceaneering M5 flyable monobore connection systems - Giuseppe Rizzo, Oceaneering
11:25	Weld Free Hydraulic Connections - David Whiles, Hydrasun & Parker
11:30	Mitigating Flange Face Corrosion (and associated maintenance costs) through the use of Corriculite – Dene Halkyard, Flexitallic
11:35	Break
11:45	Technical Authority Discussion Forum with TAQA, Apache, Total & Chrysaor
12:30	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 - Kevin Smith, Wood
09:25	The Justification of the use of Lokring on a fully welded system in a non-hazardous area: A case study - Jake Rowley, Lokring & Alan Sheriff, TAQA
09:45	An Insight into aspects of design, functionality and validation of downhole tubular threaded connections - Alun Roberts, Hunting
10:05	Break
10:15	Tensile axial load capacity of composite repairs applied to cylindrical components - Gareth Urukalo, ICR
10:35	Development of Mechanical Connector Technologies - Andrew Woodward, CSS
10:55	Friction Welding Joint Integrity - Fergus Spence, Claxton Energy
11:15	Cold spray, an alternative to weld repair - David Hillis, Total
	Techbyte Sessions:
11:35	Management of legacy/equipment after change of ownership - Christian Oram, Elisian
11:40	Achieving rapid and effective Joint Integrity without the need for a full system pressure test - Gavin Sim, Alba Gaskets
11:45	Break
11:50	Exhibition and Technology Showcase
13:00	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

Exhibit at our Virtual Exhibition - £950 +VAT 4th March, 12:00

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
- Five minute Techbyte presentation slot at the virtual exhibition

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