

Global Flow Measurement Workshop

25-27 October 2022
P&J Live, Aberdeen,
Scotland & Online



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Laboratory

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Call for Abstracts

About the Workshop

Innovation drives growth and it is vitally important for industry to stay ahead of developments in technology, regulation and practice to deliver competitive advantage. In today's economic climate, if companies are not innovating then they quickly become outdated, as can be seen from recent diversifications of some majors into cleaner fuels.

To reflect the ongoing changes in the industry, and as we focus on the energy transition and meeting the measurement challenges of net-zero greenhouse emissions obligations, "The North Sea Flow Measurement Workshop" has a new name- "The Global Flow Measurement Workshop".

The Workshop will build on its predecessor's reputation as the foremost flow measurement event with first-class technical content. The Technical Programme will feature a line-up of world-class expert speakers who will share their field experiences and present the latest research into all aspects of flow measurement.

The event will maintain its excellent tradition by offering a mix of:

- Technical presentations incorporating real-world experience
- Poster presentations

- Manufacturers from around the world showcasing the latest innovations within the industry

The event will bring together individuals from the entire supply chain- operators, service companies, manufacturers, consultants, regulators, researchers and standards bodies, to discuss industry issues and their solutions. Attendees will learn from the field experience of others, hear about developments in R&D, and discuss their own unique challenges with other individuals and companies.

Maintaining its reputation for first-class technical content and delegate participation, the Workshop continues to deliver fantastic knowledge-sharing and networking opportunities for delegates.

Following the success of the online North Sea Flow Measurement Workshop in 2020, the 2022 Global Flow Measurement Workshop will be a hybrid event. The physical conference will be held in Aberdeen's prestigious new exhibition and conference centre (P&J Live) boasting the most modern conference facilities in the country, a tailor-made venue for an event of this nature. However, the Workshop will also be delivered online, allowing delegates who have travel restrictions to participate remotely.

Topics of Interest

The theme for 2022 is technical innovation in flow measurement on the road to Net Zero. The Workshop will explore challenges for the entire energy sector as stakeholders throughout the supply chain position themselves to address the energy transition.

The conference is accepting papers from upstream, midstream and downstream organisations involved in the energy transition, from oil and gas, to hydrogen, CCUS and beyond.

The Technical Committee is interested in receiving papers representing all aspects of flow measurement, uncertainty and quality improvement, but the following topics are particularly relevant:

- New energy – flow measurement, transportation, standards, and challenges in cleaner fuels
- The role of measurement and traceability in ensuring a Just Transition
- LNG development, transportation, and challenges, from marine to energy consumption
- Digital flow solutions – including measurement, asset health checks, and data driven-modelling
- Techniques or devices improving the quality of measurement and/or uncertainty
- Innovation in measurement of water in oil (watercut meters)
- Latest solutions and improvements in developing frontier and deep-water areas
- Gas and leak emissions (flaring, CO₂, CH₄, venting, N₂O...)

To maintain the practical aspect of the event, case-study style papers and those led by end-users will be given priority.

Who Should Attend

Everyone who undertakes flow measurement or relies on flow measurement systems and outputs should attend. The Workshop will also be of particular value to designers, facilities and operations engineers, consultants and researchers from operating, contracting, consultancy and technology organisations.

Technical Committee

The abstracts will be reviewed by an expert committee comprised of end users, manufacturers and the industry regulator:

- Dr. Bruno Pinguet (Chair) – TÜV SÜD National Engineering Laboratory
- Alan Downing – Solartron ISA
- Craig Marshall – McMenon Engineering Services Ltd
- Douglas Griffin – UK Oil & Gas Authority
- George McNally – Var Energi
- Imed Benlizidia – Saudi Aramco
- James Trail – Spirit Energy
- Jim Barton – BP
- Jonathan Richmond – Petrofac
- Morten Marstein – TechnipFMC
- Murdo Campbell – TAQA Bratani Ltd

Format of Delivery

There are two options for delivering material:

- Full paper - including 20-minute presentation and 10-minute chaired discussion in the main hall.
- Poster presentation - displayed and discussed during the Workshop's poster session.

These will be accompanied by a written technical paper which will be published in the Workshop proceedings.

Key Dates

Submission of abstract:	28 March 2022
Notification of acceptance:	20 May 2022
Submission of paper	16 September 2022
Submission of powerpoint	3 Oct 2022

Guidance for abstracts and submission details are available from our website.

For further details please contact events.uk@tuvsud.com