



SYNOPSIS:

TÜV SÜD National Engineering Laboratory is the UK’s Designated Institute for Flow Measurement, under contract from DSIT, and part of the UK’s National Measurement System. To celebrate World Metrology Day, TÜV SÜD is pleased to bring you this special webinar where you can ‘Ask the Experts’ about Fluid Flow Metrology.


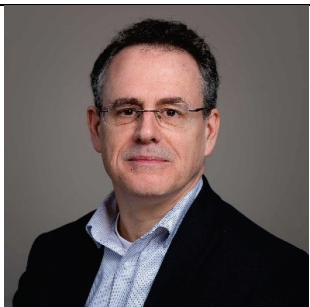
There will be no presentation – the panel will spend the full time responding to pre-submitted and live questions, bringing their respective expertise into the discussion. The experts’ perspectives are drawn from academia, research and industry, and cover all aspects of the energy industry.



WEBINAR DATE AND TIME: 22nd May, 2pm.

FURTHER INFORMATION:

<https://www.tuvsud.com/en-gb/events/webinars/2024/ask-the-experts---fluid-flow-metrology>

The Panel

	<p>MODERATOR - Colin Lightbody Principal Consultant, TÜV SÜD</p> <p>Colin has spent many years as a Metering Consultant for an energy services company working across Africa, Europe, Middle East, America and Australasia.</p> <p>During his 30 years in the metrology industry, he has contributed to the development of several ISO metering standards for Coriolis and ultrasonic flow metering and been awarded a patent for a flow meter verification technique.</p>
	<p>Professor Manus Henry Professor of Flow Measurement at Coventry University and the University of Oxford.</p> <p>Prof Manus Henry is the Director of the Advanced Instrumentation Research Group at the Department of Engineering Science, Oxford University, Professor of Flow Measurement at Coventry University, and Editor-in-Chief of the Flow Measurement and Instrumentation Journal. He is the Chair</p>

	<p>of the UK Government (DSIT) National Measurement System Programme Expert Group (PEG) for Flow Metrology.</p> <p>Since the 1990s he has developed a range of novel flow metering techniques, particularly for Coriolis mass flow meters, which have been commercialised by industrial partners. Applications include metering gas/liquid mixtures, engine fuel injection, marine fuel bunkering, and CO₂ injection for carbon capture and storage. He has over 130 granted patents.</p>
	<p>Dr Chris Mills Senior Consultant, TÜV SÜD</p> <p>Dr Chris Mills is active in the development of several ISO metering standards and currently the project leader for the creation of a clamp-on ultrasonic standard. He is also Chair of the TÜV SÜD Measurement Focus Group which is a technical forum hosted four times a year across the UK.</p> <p>Throughout Chris' 15 years at TÜV SÜD he has published numerous peer-reviewed journal papers, presented at technical conferences around the world, created and presented training courses, designed and built new flow facilities, and represented TÜV SÜD on various measurement groups such as EURAMET Technical Committee Flow, BIPM Working Group for Fluid Flow, InstMC, Energy Institute, ISO, BSI and API.</p>
	<p>Dr Gabriele Chinello Head of CCUS, TÜV SÜD</p> <p>Gabriele is responsible for R&D projects delivery and national carbon dioxide flow measurement facilities development. He has served as the UK Government's metering technical assessor in the CCUS cluster sequencing process (Track-1 clusters) and is currently an external technical advisor on CCUS metering to the UK Department of Energy Security and Net Zero (DESNZ).</p> <p>He also oversees documentary standard activities and participates in various ISO and BSI committees including ISO/TC 265/WG 2 for carbon dioxide transportation and convening ISO/TC30/SC7 for volume measurement methods including water meters.</p>



Dr Piotr Traczykowski
Clean Fuels Engineer, TÜV SÜD

Piotr's main area of expertise is flow measurement and associated metrology, currently focusing on hydrogen metrology. He is involved in projects concentrating on accurate measurements of hydrogen dispensed by hydrogen refuelling stations.

His role involves the development and calculations of uncertainty of the test facilities and optimising the design of our facilities with an emphasis of uncertainty.