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# South East Asia Flow Measurement Conference 6–8 March 2012

InterContinental Kuala Lumpur, Malaysia

## Committee Contributions From:

- + KROHNE Oil & Gas (M) Sdn Bhd
- + PETRONAS Carigali Sdn Bhd
- + PMU PETRONAS
- + Sarawak Shell Berhad
- + Saudi Aramco
- + Schlumberger



In Association With:



National  
Measurement  
System

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NEL is delighted to announce the launch of the South East Asia Flow Measurement Conference. Building on 10 years of experience delivering technical workshops and training courses in the region, NEL has developed this Conference to keep you informed of the latest developments in flow measurement technology.



In the field of hydrocarbon flow measurement, where measurements made have a high economic and environmental impact, it is important to stay ahead of developments in technology, regulation and practice. Pulling together and discussing the developments, issues and challenges affecting the industry in the South East Asia region will be key. This Conference will get you ahead of the game.

### Introducing the South East Asia Flow Measurement Conference

The flexible structure of this event will encompass both theoretical and real-world experience. The technical programme draws on the experience and knowledge of globally recognised organisations.

Highlights of the Conference will include:

- + A range of topical presentations relevant to the industry today
- + Parallel full and half-day topical training sessions
- + Associated training sessions delivered by Kelton Engineering, NuLab Limited, SGS Oil Gas and Chemicals and TransCanada Calibrations
- + Panel discussion sessions
- + Flexible attendance options with appropriate delegate fees
- + The opportunity to schedule attendance around work commitments
- + Manufacturers from around the world showcasing the latest technology within the industry

The 2012 Conference is a completely new format to that previously held by NEL. The parallel sessions will run at the same time as the technical conference allowing delegates to pick and choose what they wish to attend and when.

### Why Should I Attend This Conference?

- + Face up to industry challenges by equipping yourself with better technical knowledge and better sector understanding.
- + Hear topical industry debate and make informed decisions to shape the direction of your business.
- + Go global - meet the people who matter today in the market place of tomorrow.
- + Make fast informed choices about the cutting-edge equipment and services that will define the future of your business.

### Members of the Technical Committee

The Committee have input to the content and direction of the technical presentations of the main Conference. Presentations selected by the Committee are based on their relevance to industry and the quality of content.

- + Mr Alick MacGillivray (Chairman), NEL
- + Mr Arumugam Amawoty, Sarawak Shell Berhad
- + Mr Richard Britton, Saudi Aramco
- + Mr M Nizam B Parnoh, PMU PETRONAS
- + Ir Hj Ahmad Khairiri Hj Abdul Ghani, PETRONAS Carigali Sdn Bhd
- + Dr Bruno Pinguet, Schlumberger
- + Mr Jason Yew, KROHNE Oil & Gas (M) Sdn Bhd

## Conference Schedule

PARALLEL SESSIONS				
↓	↓	↓	↓	↓
Tuesday 6 March (am)				
<b>Technical Conference Day 1 +</b>	Fundamentals of Flow Measurement, NEL	CFD in Oil & Gas, NEL	Understanding Financial Exposure from Measurement Uncertainty and Allocation Methods, <b>Kelton Engineering Ltd</b>	Ultrasonic Theory, NEL
		Tuesday 6 March (pm)		
		LNG Metrology – Current and Future Technology, NEL	IAVT (Independent Authority Verification & Testing) for All Categories of Hydrocarbon Measurement, <b>SGS Oil Gas and Chemicals</b>	Ultrasonic Practical, NEL
Wednesday 7 March (am)				
<b>Technical Conference Day 2 +</b>	Hydrocarbon Sampling and Auditing of Lab Analysis, <b>NuLab Limited &amp; NEL</b>	Measurement Uncertainty, NEL	Panel Discussion: LNG	Ultrasonic Meter Calibration and Related Diagnostics for Operation, <b>TransCanada Calibrations</b>
		Wednesday 7 March (pm)		
		CFD in Oil & Gas, NEL	Panel Discussion: New Technologies	Ultrasonic Theory, NEL
Thursday 8 March (am)				
Multiphase & Wet Gas Training Course, NEL	Measurement Uncertainty, NEL	Panel Discussion: Sampling	Well Testing & MPM (Multiphase), <b>SGS Oil Gas and Chemicals</b>	Ultrasonic Practical, NEL
	Thursday 8 March (pm)			
	LNG Metrology – Current and Future Technology, NEL	Management of Measurement, <b>Kelton Engineering Ltd</b>	Panel Discussion: The Future of the Oil & Gas Industry in the Region	Ultrasonic Meter Management and Field Performance Monitoring, <b>TransCanada Calibrations</b>


Colour Code Key:  Technical Conference     NEL Course     Associated Trainer     Panel Discussion Session


+ Full technical conference programme to be announced in due course. Further detail on the above including scheduled timing can be found at [www.tuvnel.com/events](http://www.tuvnel.com/events)

### In Association With

**KELTON**® have an outstanding reputation in the provision of FEED Studies, Submissions to Government Agencies, Auditing of Flow Measurement Systems/ Allocation Systems/Hydrocarbon Laboratories, Training, Operations and Maintenance Procedures, Project Support/ Consultancy, Operational Support/System Management and Flow Measurement related Software.

 **NuLab**® laboratory solutions is a leading provider of Laboratory Training, Consultancy and Lab Management Services to the International Oil and Gas Industry. The company can offer laboratory training courses and is accredited by the Energy Institute as an approved training provider. Our trainers and consultants provide specialist laboratory related knowledge to our clients through an in-depth understanding of oil field production chemistry and analytical laboratory issues.

 **SGS** is the world's leading inspection, verification, testing and certification company. Recognised as the global benchmark for quality and integrity, we employ over 64,000 people and operate a network of more than 1250 offices and laboratories around the world.

 **TRANSCANADA CALIBRATIONS** is a Measurement services company that offers Internationally recognized High Pressure Natural Gas Meter Calibration and Gas Measurement Technical Assistance to Meter manufacturers, Engineering Companies, Integrators, Fabricators, and Pipeline Operators in the Natural Gas Energy Sector – Transmission, Distribution, LNG, and Power Generation.



### Conference Fees

Prices start from \$410. Please note training courses have limited places and bookings will be taken on a first come first served basis.

Delegate registration fee includes attendance at selected event(s), delegate pack, electronic proceedings suited to each delegate attendance selection, complimentary wifi and lunch/refreshments.

Accommodation and evening meals are not included in the delegate registration fee. Special rates have been agreed with the InterContinental Kuala Lumpur and start from MYR 338++ per night. This rate does not include services charges or government taxes. Further details can be found at [www.tuvnel.com/events](http://www.tuvnel.com/events)

### Exhibition and Sponsorship Opportunities

Suppliers of equipment and services are invited to sponsor and exhibit at the conference. This will give your company a profile in the final programme in addition to a stand within the exhibition area of the Conference. For further details please contact us.

### Registration and Enquiries

Bookings can be made online at [www.tuvnel.com](http://www.tuvnel.com)

Payment required by credit card only. For any enquiries please contact the [Events Team](mailto:events@tuvnel.com) on **+44 (0)1355 272858** or [events@tuvnel.com](mailto:events@tuvnel.com)

### About NEL

NEL is a leading provider of pipeline fluid management services to the global petroleum industry. We have an impressive track record in the development, design and application of leading-edge technology. We provide consulting, training, R&D and laboratory testing services in the following areas:

- + Flow measurement (oil, gas, multiphase and flow assurance)
- + Thermal engineering & heat transfer
- + Erosion assessment and validation
- + Flow calibrations in the UK national test facility
- + Environmental (produced water, oil-in-water, emissions and carbon capture & storage)

NEL is a trading name of TUV SUD NEL Ltd, a company of the TÜV SÜD Group, the leading global technical services organisation. Around 16,000 employees are represented at more than 600 locations throughout the world.

For further details on how NEL can help your business, please visit [www.tuvnel.com](http://www.tuvnel.com) or contact us directly.

TUV SUD NEL Ltd  
East Kilbride  
Glasgow  
G75 0QF  
UK

**T +44 (0) 1355 220222**  
[events@tuvnel.com](mailto:events@tuvnel.com)  
[www.tuvnel.com](http://www.tuvnel.com)