

**Metrology for LNG Workshop and Training 2018**  
Ogston Suite, Ardoe House Hotel, Aberdeen, Scotland,  
25-26 October 2018

**Day 1: Thursday 25 Oct LNGIII Workshop**

0830 – 0900	REGISTRATION
0900 – 0910	OPENING/WELCOME (TUV SUD NEL)
0910 – 0945	<b>LNGIII: Introduction and Project Overview</b> Menne Schakel, (VSL)
0945 – 1020	<b>Gate Terminal Rotterdam: Supply and Throughput of LNG for Northwest Europe</b> Dorus Bertels (BHGE) in cooperation with Ricardo Witteman (Gate Terminal)
1020 – 1050	TEA/COFFEE BREAK
1050 – 1120	<b>Transparency is a Must for Meter Performance Evaluation at LNG Applications, an Example with a Coriolis Meter</b> Pitti Salvatore, (Emerson Process Management)
1120 – 1150	<b>Long Term Stability of Coriolis Meters in Cryogenic Fluids</b> Iryna Marfenko, (E+H)
1150 – 1220	<b>Cryogenic flow rate measurement with a Laser Doppler Velocimetry standard</b> Remy Maury, (CESAME)
1220 – 1340	LUNCH
1340 – 1410	<b>Raman Measurements in Cryogenic LNG Liquid</b> Scott Sutherland, (SpectraSensors, Inc.)
1410 – 1440	<b>Calibration of Sensor Technology Using Traceable LNG Reference Mixtures</b> Joey Walker et al, (EffecTech Ltd)
1440 – 1510	<b>LNG Measurement Uncertainty, Review and Progress</b> Kianoosh Hadidi, (JV)
1510 – 1540	TEA/COFFEE BREAK
1540 – 1610	<b>Cost-effective Gas Composition Sensor</b> Huib Blokland, (TNO)
1610 – 1710	<b>Investigations on the Knocking Behaviour of LNG by Engine Tests and Reaction Kinetics</b> Peter Eilts, (TUBD) and Kai Moshhammer, (PTB)
1710	CLOSE

## Day 2: Friday 26 Oct LNGIII Training

0900 – 0905	OPENING/WELCOME ( <b>TUV SUD NEL</b> )
0905 – 0950	LNG custody transfer, ( <b>Norman Glen, TUV SUD NEL</b> )
0950 – 1035	LNG Composition, ( <b>Adriaan Veen, VSL</b> )
1035 – 1110	TEA/COFFEE BREAK
1110 – 1210	LNG Flow, ( <b>Menne Schakel, VSL, Philip Costen, UCov</b> )
1210 – 1330	LUNCH
1330 – 1400	Smart Sensors, ( <b>Arjen Boersma, TNO</b> )
1400 – 1500	LNG Density, ( <b>Nils von Preetzmann, RUB, Alberto Giuliano, INRIM</b> )
1500	CLOSE



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