

North Sea Flow Measurement Elster Meeting Point at the NSFMW workshop

Elster-Instromet participated in the 25th North Sea Flow Measurement Workshop (NSFMW 2007) which took place from 16 - 19 October 2007 in Oslo, Norway. Over 300 representatives from all high-profile companies in the oil and gas industries took part.

The main focus of the event was lectures on Fluid Quality, Multiphase Measurement, Gas Measurement, Heavy Oil Measurement and LNG Measurement.

Special attention was paid to the LNG lectures and the separate workshops. Here, Elster-Instromet presented the newly developed bi-directional turbine gas meter SM-RI-2. It is mass produced as a "normal" turbine gas meter but allows a higher Q_{\max} value than standard meters with the same nominal diameter, however without higher pressure loss. The newly developed diagnostic tool for turbine gas meters was another highlight. This tool makes it possible to determine the working condition of the bearings via the HF signals without having to remove the meter.

The workshop offers an interesting framework in which it is possible to talk about technical innovations with experts and set the course for further developments. Gas measurement is developing more and more from classical measuring methods with orifices or turbine wheels through to ultrasonic measurement, and not only in the field of large volume gas measurement. The fact that we have even been able to supplement our ultrasonic meter development team with new, experienced colleagues was the very sign many customers had been waiting for from Elster-Instromet. We can build on almost 75 years of practical experience in the field of ultrasonic measurement. We will inform you of new projects in the year to come.

While in the past, individual components were of the utmost importance, the priority today is the system as a whole. In order to be in a stronger position to meet new market demands, Elster-Instromet has created the Integrated Metering Solutions group. The aim is to envisage concepts and turnkey solutions for the most varied range of gas measurement tasks, from the complete gas station to quality analysis. This



means that special customer requirements can be realised and in doing so, customers benefit from lower measurement uncertainty, higher availability, lower risk potential and lower maintenance costs. The workshop offered an expert's forum allowing the discussion of such solutions with gas supply companies.

We look forward to interesting discussions at the next NSFMW in St. Andrews (Scotland) from 21 - 24 October 2008.

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