



The Michelsen Centre

for Industrial Measurement Science and Technology



Courses in Multiphase Flow Measurement and Uncertainties in Metering

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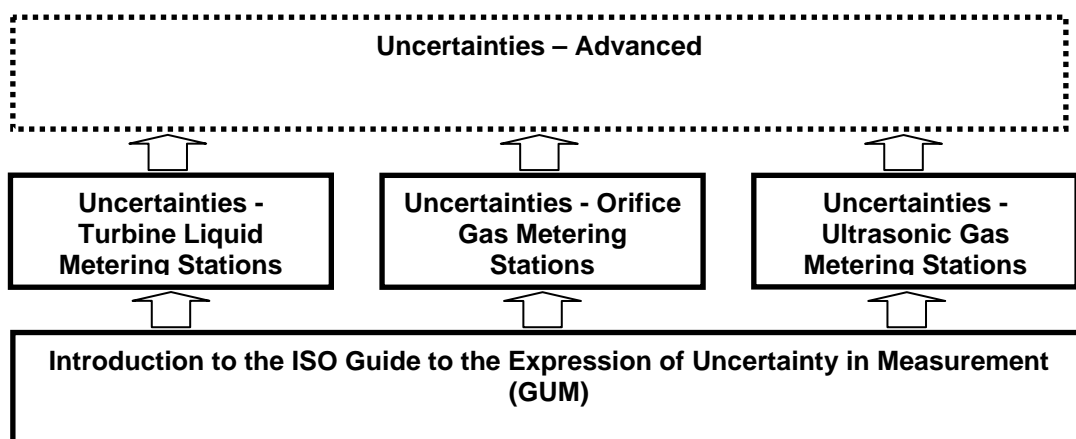
The Michelsen Centre for Industrial Measurement Science and Technology www.michelsencentre.no offers modular courses in multiphase flow measurement and uncertainty, all focussed on industrial and regulatory applications.

The courses are based on established best practice and more than three decades of R&D of advanced measurement solutions within the oil and gas industry. The courses are composed of lectures, discussions, exercises, and demonstrations in Christian Michelsen Research's (CMR) in-house multiphase flow facilities.

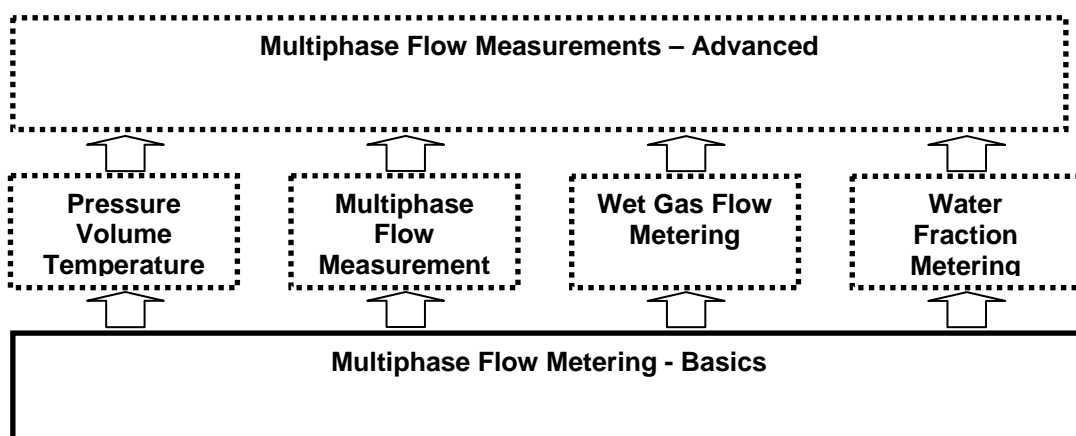
Most courses are based on handbooks developed for the Metering School of the independent Norwegian Society for Oil and Gas Measurement www.nfogm.no and are accordingly developed in understanding with NFOGM.



Courses in Uncertainties in Metering



Courses in Flow Measurements



Instructors

Our lecturers are senior personnel with broad industrial and academic background, representing state-of-the-art competency from their respective fields of expertise. They are all experienced lecturers and supervisors.

Location

Courses in uncertainties in metering will be held on StatoilHydro's premises in Bergen (NORWAY) while courses in multiphase flow measurements will be held at Christian Michelsen Research's (CMR) premises in Bergen (NORWAY).



Inquiries

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We are also responsive to requests for specific courses or themes, please contact Erling Kolltveit erling@cmr.no for further discussions.

The Michelsen Centre

The Michelsen Centre for Measurement Science and Technology was granted status as a Centre of Research-Based Innovation by the Research Council of Norway in 2007 and is hosted by Christian Michelsen Research AS (CMR) in Bergen (NORWAY). The Centre is a joint initiative from CMR and the University of Bergen.



The Michelsen Centre develops innovative measurement and instrumentation technology on a crossdisciplinary basis within the three application areas in focus:

- Oil & gas
- Fisheries & aquaculture
- Environmental monitoring

Host institution:

- Christian Michelsen Research AS

Research partners:

- University of Bergen
- Bergen University College

Industrial partners:

- Anderaa Data Instrument AS
- CGG Veritas
- FMC Kongsberg Metering
- MMC Tendos AS
- Roxar Flow Measurement AS
- Seadrill Engineering AS
- StatoilHydro ASA

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