

## **CT011**

# **PRACTICAL HUMIDITY MEASUREMENT & CALIBRATION**

The training course is intended for those who are responsible for the calibration of humidity measuring instruments and standards. The emphasis is on the practical aspects of humidity measurement and calibration.

The course provides the knowledge and expertise for professionals who use humidity measuring devices or require an appreciation of the importance of measurement, calibration and the use of humidity instruments and standards in the performance of their daily tasks.

### **COURSE CONTENT**

- Principles of Humidity measurement
- Hygrometric definitions, units, terminology, traceability
- How hygrometers work
- Types of hygrometers used in industry: Dew point instruments, Psychrometer, RH Instruments and Salt solutions
- Measurement uncertainty with particular reference to Climatic chambers, rooms
- Practical advice on applications

*Tuition will consist of classroom work, exercises and practical demonstrations.*

**DATES:**  
16<sup>th</sup> November 2011

**DURATION:**  
1 day

**VENUE:**  
NML or in-company  
by arrangement

**FEE:**  
€590 (including  
documentation,  
lunch and  
refreshments)