

WWEM 2010 Will be the Most Exciting Ever

WWEM organisers have announced that this year's event will be even larger than its predecessors. Taking place over two days (10th and 11th November) at the Telford International Centre, there are a host of new features that will attract visitors from a broader section of the monitoring community.

WWEM 2010 will retain its focus on environmental monitoring, providing the latest information on regulations, methods and technologies. However, the event's growth is a result of new features such as a laboratory conference, new partners such as CoGDDEM and over 120 exhibitors representing nearly 200 of the world's leading providers of environmental monitoring equipment and services, many of which will launch completely new products at the event.



Visitors to WWEM will include staff at every level within regulators, water companies, industrial manufacturers, consultants, education, research organisations, process engineering companies and any industrial company that utilises occupational monitoring, process or laboratory analysis.

now developing ideas for more advanced uses of the facility provided, including remote access to plant and equipment for diagnostic purposes. The Profibus Group provides the water industry with a point of access to technical expertise, training and to those with knowledge of Profibus product availability. Members of the PROFIBUS Group will participate in the WWEM exhibition – for more information, visit www.profi-bus.co.uk

New Gas Detection Zone

Traditionally focusing on water monitoring and testing, WWEM 2010 will now also highlight airborne industrial hazards and risk assessment across all industries, with the participation of the Council of Gas Detection and Environmental Monitoring (CoGDDEM). Hazards covered will include accidental exposure to low oxygen levels in confined spaces and to toxic or explosive gases.

Leigh Greenham, Director of CoGDDEM, says: "We are delighted to be involved with the world's largest environmental monitoring event. Gas detection is an important part of risk assessment to help provide protection for workers in all industries, particularly in the water sector. The seminars that we will run, in conjunction with informal discussions at the exhibition stands of our members, will provide WWEM visitors with the latest help and advice on modern gas detection technology as part of a risk reduction strategy. Many of our members are leaders in the field of gas detection and their technical staff will be available to provide training on how to operate, calibrate and maintain instruments cost-effectively."

Meet the Buyer event

UK Trade & Investment (UKTI) will provide access to 24 buyers from across Europe and run a workshop entitled 'Developing Your International Business'.

UKTI Commercial Officers will also advise on a range of topics including political/economic overview for countries including Portugal, Turkey and Russia, niche sector opportunities and advice on market entry.

Partners

The WWEM organisers have joined forces with a broad range of leading organisations to ensure the success of the 2010 event. British Water, The Institute of Water, Sensors for Water Interest Group (SWIG), PROFIBUS, the Water Monitoring Association (WMA) and the Chartered Institute of Water and Environmental Management (CIWEM) will all be closely involved.

Profibus is now being widely adopted within the water industry, particularly on larger installations, in order primarily to provide a local network communicating data from measuring instruments and actuated valves on the plant to the controlling PLC. The selection of Profibus was driven by its greater (and still increasing) availability on equipment manufactured for water applications. Water companies are

Process Monitoring Conference

The Conference presentations will provide information on the latest regulations affecting process and effluent monitoring with authoritative speakers from the Environment Agency, ABB, SIRA, and UKAS. The Conference will be repeated on both days and chaired by British Water.

The Environment Agency will outline a hardening policy on the use of MCERTS certified products. The Agency's Paul Wiggins says, "There is now a good number of flow meters that have achieved MCERTS, so all new and replacement meters must now be certified." He reports a high number of MCERTS product applications for both flow and analytical instruments and expects many of these to receive certificates at the WWEM event, adding: "We can now look forward to a time when the number of certified analytical instruments will enable us to enforce the MCERTS policy for all new and replacement water quality monitoring instruments."

Speakers from the Environment Agency will also provide an update on Better Regulation and the Environmental Permitting Regulations (EPR) and include the latest position on operator self-monitoring (OSM) and the role of MCERTS and Operator Monitoring Assessment (OMA) in supporting the move to OSM for industry and the Water Utilities.

ABB will provide an instrumentation perspective to MCERTS and the Self Monitoring of Effluent Flow under EPR and OMA.

It is now over 5 years since the first MCERTS Site Conformity Inspection Certificate was issued. Over this period, nearly 4000 site inspections have been performed and a speaker from Sira will outline the latest advice for process operators and explain likely future developments.

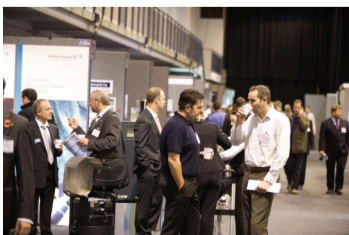
UKAS will provide an overview on how it interacts with regulators in the water industry and how regulatory requirements are interpreted with respect to ISO 17025 and UKAS accreditation. The presentation will include developments in the 21st century with an emphasis on sampling.

Entry to the Conference will be £55/day or £100 for both days.

New Lab Conference

This year's event will include a dedicated Conference for the laboratory sector. Focusing on efficiency, sustainability, MCERTS and accreditation, the Lab Conference will address the key issues facing commercial laboratories in the new low-carbon, post-recession (or double dip!) era and will be most relevant to analytical staff within the water, food/beverage, manufacturing, processing and environmental sectors.

UKAS will speak on accreditation, NPL will cover proficiency testing, CitySprint will discuss sample transportation, BOC will explain the production of accredited gas calibration standards, ALcontrol will



outline best practise for sampling environmental waters and EXOVA will describe a recent development in data management.

Admission to the Lab Conference will cost £55/day or £100 for both days. Registered attendees will also have access to the parallel Process Water Conference.

Workshops

WWEM 2010 will include a programme of more than 70 Workshops covering a host of issues relating to the practical monitoring and analysis of water both in the field and in the laboratory. Topics covered will include: MCERTS; measurement error; water treatment optimisation; monitoring within the Distribution Network; LIMS; telemetry and even water quality monitoring with satellite imagery. A full spectrum of measurands will be covered, including COD, TOC, BOD, turbidity, dissolved oxygen, ammonia, lead and other heavy metals, volatile fatty acids, chlorine dioxide and insoluble hydrocarbons.

In addition, the Workshops organised by CoGDDEM will cover a range of issues relating to toxic or explosive gases. Some of these will cover specific issues within the water sector such as confined space entry and combustible gases, and others will cover subjects such as sampling, detection, interpretation and calibration, that will be relevant for any industrial sector.

Gala Dinner (Wednesday 10th November)

The Gala Dinner has become a firm favourite in the diaries of the environmental monitoring community. During the dinner, MCERTS certificates will be presented by Malcolm Lythgo, Head of Monitoring and Analytical Services at the Environment Agency, following which the

organisers have promised an evening of fun. In the past, this has been provided by some of the country's most famous comedians and even an indoor funfair dodgem. This year the organisers are, once again, keeping their cards close to their chest and the entertainment will be revealed on the night.

Exhibition – what's new

An international exhibition will run on both days of the event featuring the majority of the world's leading providers of test and monitoring instrumentation and services.

Entry to the exhibition and workshops will be free (saving a daily admission fee of £20) to all pre-registered visitors, who will also be entitled to free onsite parking, free lunches and refreshments on both days of the event.

Many of the exhibitors have announced that they will be launching new products, technologies and services during WWEM 2010 in the following pages is a selection of some innovations and companies that will be on show.

Commenting on the vast array of new technologies that will be on show for the first time, WWEM organiser Marcus Pattison urges visitors to plan their time at WWEM carefully. He says, "Past experience has shown that it can be difficult to find time to do everything in one day. Most visitors find that there are a number of Conference presentations and Workshops that are of interest, so it is important to leave plenty of time to visit the Exhibition. For this reason, we repeat the Conference presentations on both days so that delegates do not have to miss out on the many exciting new developments that will be on display at this year's event."

Registration is now available at www.wwem.uk.com

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