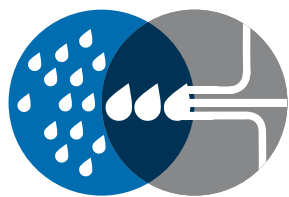


12th International Conference



CCWI 2013

Computing and Control
for the Water Industry

“Informatics for Water Systems and Smart Cities”



University of Perugia, Italy
2 - 4 September 2013

First announcement



Organised by:



Co-organised by:

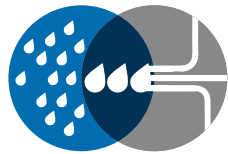


*Centre for
Water Systems*

For the first time the CCWI series of biennial conferences initiated by the universities of Brunel, De Montfort, Exeter, Sheffield and Imperial College will be held outside the United Kingdom. It will take place in Perugia, Italy. The University of Perugia and the Technical University of Bari are proud to be hosting this conference as well as the next Water Distribution Systems Analysis conference (WDSA2014).

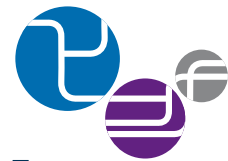
The conference will highlight the use of hydroinformatics in water system planning and management to provide solutions and new paradigms to challenging problems, which in an urban perspective gives rise to the concept of smart cities. The conference will provide the opportunity for close collaboration between established and young scientists, software developers, practitioners, and stakeholders from public and private organizations. So we encourage you to contribute to the development of future solutions and widen your own expertise and profile by attending and actively taking part to the conference.





CCWI2013

Computing and Control
for the Water Industry



WDSA2014

Water Distribution
Systems Analysis





AIMIS

The aims of this conference series are:

- ~ To facilitate the continued co-operation of academic institutions and industry;
- ~ To examine the current state-of-the-art in computing and control techniques applicable to the water industry;
- ~ To provide a forum for discussions and the dissemination of ideas on applied computing and control for the water industry, with particular emphasis on:
 - Providers' perspectives - recent developments in research;
 - Users' perspectives - users' experience of the latest techniques;
 - Future needs - current and future planning and operational requirements.

Short courses, group meetings and exhibitions, will also take place during the conference.



The main focus of the conference is on **water supply/ distribution and urban drainage/sewerage systems**.

Topics of interest include, but are not limited to, the following:

- Water engineering solutions for smart, liveable and sustainable cities;
- Systems modeling, optimization and decision support;
- Asset management and performance modeling;
- Demand forecasting, leakage and energy management;
- Real time monitoring, modeling, prediction control and data management issues;
- Impacts of climate change on urban water management;
- Sustainable urban water management including flooding issues;
- Water and wastewater treatment modeling, optimization and control;
- Water quality modeling;
- Advances in sensors, instrumentation and communications technologies;
- Data management including SCADA and GIS;
- Security, reliability and resilience;
- Case studies and practical applications.

TOPICS



Other topics, e.g. groundwater or coastal area management, which relate to those listed above may also be included.

Anyone interested in organising a special session on a topic of interest to a wider audience is encouraged to contact the organisers soon.

LOCATION

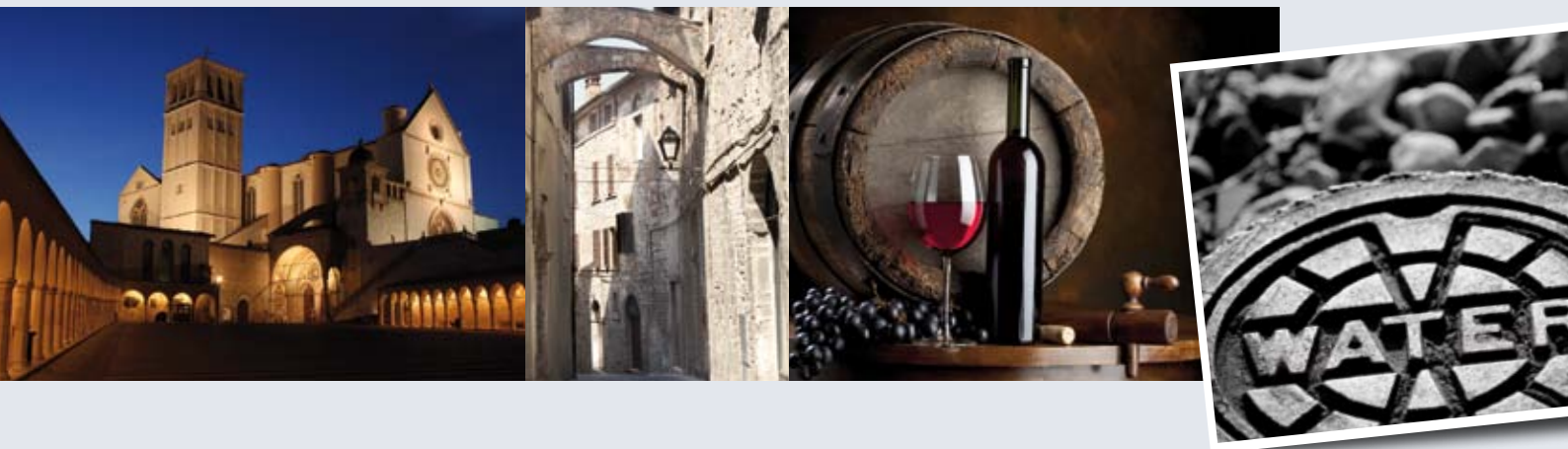
The conference will be held at the Faculty of Engineering campus of the University of Perugia.

OFFICIAL LANGUAGE

The official language of the conference is English. All presentations will be made in English and no simultaneous translation will be provided.

TIMETABLE

Submission of abstracts:	1 February 2013
Notification of acceptance or rejection:	1 April 2013
Deadline for full paper submission:	1 June 2013
Deadline for registration (early):	1 July 2013



REGISTRATION AND FEES

Registration is required and fees will be available online at www.water-system.org/ccwi2013. Reduced fees will be applied to the attendees of both CCWI2013 and WDSA2014 conferences. Details will be provided in the second announcement.

PROGRAMME

To be announced.

CALL FOR PAPERS

Details will be provided in the second announcement and on the web site.

TRAVEL AND ACCOMMODATION

Perugia is located in central Italy and is served by rail, air and motorway connections. Further travel information will be given in the second announcement. A list of recommended hotels will be provided to participants.



Umbria: Perugia is the most important city in Umbria, the ancient land of the Etruscans. The name Umbria conjures up an idea of peace and tranquillity, of green countryside, mountains, woods and rivers immortalized in Renaissance paintings by Perugino, the artist who taught Raffaello Sanzio. In Umbria life fits easily into the natural environment. St. Benedict of Norcia and St. Francis of Assisi, founders of western monasticism, came from the area.



VENUE

Its austere medieval walled cities - Assisi, Montefalco, Gubbio, Città di Castello, Orvieto, Todi, and Spoleto - easy to reach from Perugia, are rich in cultural treasures, mouth-watering local cuisine (with its olive oils and fabulous wines, terrific barbecues and country fairs).

Historically water has been important in the region because of the river Tiber, strongly linked to Roman civilization, Trasimeno lake, where Hannibal defeated the Romans in the Second Punic War (217 BC), and the Marmore waterfalls, developed through the hydraulic expertise of the Roman consul Curius Dentatus (271 BC).

Cities such as Rome and Florence can be reached in about 1.5 hour by car or train.



UNIVERSITY OF
EXETER

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Water Systems*

FURTHER INFORMATION

If you have any questions, please email the conference organisers at info@water-system.org

THE ORGANISING COMMITTEE

Bruno Brunone

Orazio Giustolisi

Dragan Savic

Zoran Kapelan

Corrado Corradini

Marco Ferrante

Silvia Meniconi

Daniele Laucelli

Luigi Berardi

Christian Massari

www.water-system.org/ccwi2013

