

RTC WG - REAL TIME CONTROL OF  
URBAN DRAINAGE SYSTEMS  
WORKING GROUP

IWA-IAHR JCUD  
JOINT COMMITTEE ON URBAN DRAINAGE

6<sup>TH</sup> INTERNATIONAL WORKSHOP  
ON  
REAL TIME CONTROL

(11 ICUD PRE-CONFERENCE WORKSHOP)

Edinburgh,  
Sunday, August 31<sup>st</sup>, 2008

Edinburgh International Conference Centre,  
Edinburgh, Scotland

Sponsorship by:



CSDU - CENTRO STUDI IDRAULICA URBANA  
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## Outlook

Real Time Control (RTC) is a technology that helps communities improve operations by taking advantage of available capacities in wastewater systems. RTC is an efficient way of reducing sewer overflow, basement and street flooding as well as streamlining operations. Because RTC maximizes the use of collection and treatment facilities, communities can save millions in avoiding new-build structures.

Recognized international Real Time Control experts will provide a comprehensive overview of the RTC technology and present some recent applications and results using this technology. The most up-to-date case studies from different parts of the world will be presented. A good portion of time will be allotted to discussion and answering questions from participants.

## Registration

On line registration is available at: [www.11icud.org](http://www.11icud.org)

Workshop attendees must register in advance of the workshop. Registration fees are £100.

For further information please contact:

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## Morning session

**RTC of urban drainage systems – Basics and trends**  
Chairman: Dr. Lothar Fuchs

- 9.15 Tea/Coffee welcome
- 10.00 **Welcome and presentation of the Real Time Control Working Group**  
Dr. Alberto Campisano  
*Chairman of the RTCWG*
- 10.15 **Introduction to RTC of urban drainage systems: objectives, strategies, technologies**  
Dr. Manfred Schuetze  
*Ifak, Germany*
- 10.45 **Application of RTC techniques to storage tanks**  
Dr. Umberto Sanfilippo  
*CSDU, Italy*
- 11.15 **Software tools for RTC applications**  
Dr. François Grondin  
*BPR CSO, Québec*
- 11.45 **Some basic exercises**  
Dr. Enrico Creaco  
*CSDU, Italy*
- 12.15 Open discussion
- 12.45 Lunch

## Afternoon session

**RTC of urban drainage systems - Case studies**  
Chairman: Dr. Martin Pleau

- 14.00 **RTC application for CSO reduction in a small community**  
Dr. Lothar Fuchs  
*ITWH, Germany*
- 14.30 **Development of the MAGES RTC project in Paris**  
Dr. Antonin Fradin  
*Lyonnais des Eaux, France*
- 15.00 **Operation of the RTC of Tokyo sewage system**  
Dr. Kazumasa Ito  
*CTI Engineering, Japan*
- 15.30 Tea/Coffee break
- 16.00 **Ville de Quebec RTC project - Phase II and III**  
Dr. Martin Pleau  
*Secretary of the RTCWG, Canada*
- 16.30 **Real-time Predictive Control of CSOs in Bordeaux - the "GD project"**  
Dr. Christophe Anselme  
*Lyonnais des Eaux, France*
- 17.00 **Predictive Global Control in Barcelona Sewer System. Pilot Test in Riera Blanca Catchment**  
Dr. Blanca Aznar  
*CLABSA, Spain*
- 17.30 Open discussion and closure