

LOCATION



HOTEL RESERVATION

Ten single rooms and ten twin-bed rooms are available at the University owned the three star Hotel "Socrates". The price per night is 15.49 € (single room), 25.82 € (twin-bed room) without breakfast. For your reservation to Hotel "Socrates", send an e-mail not later than 12 April to the following address: prenotazioni@liu-cs.it.

Reservations can also be made directly to the following Hotels:

- Hotel "Majorana" (three stars), via Maiorana, 87036 Rende (CS), Tel. +39 0984 404151, Fax +39 0984 404094, www.hotelmajorana.it, info@hotelmajorana.com (60 € per night for a single bedroom and 80 € for a double room, breakfast included)
- Albergo & Residence "Fattoria Stocchi" (four stars), via F. Todaro 20, 87036 Rende (CS), Tel. +39 0984404426, Fax +39 09848307-47, www.fattoriastocchi.it; info@fattoriastocchi.it (67.50 € per night for a single bedroom and 90 € for a double room, breakfast included)
- Hotel "Executive" (four stars), via Marconi 59, 87036 Rende (CS), Tel. +39 0984401010, Fax +39 0984402020, www.hotelexecutivecs.it, hotelexe@virgilio.it

Course Secretariat

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Website: www.liu-cs.it/corso2006.htm

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Nuova EDITORIALE BIOS
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International Short Course

Advances in Knowledge of Urban Drainage
 from the Catchment to the Receiving Waters

Organised by :

CENTRO STUDI ACQUEDOTTI E FOGNATURE
 Dipartimento di Difesa del Suolo - Università della Calabria

LIU - LABORATORIO DI IDRAULICA URBANA
 Dipartimento di Difesa del Suolo - Università della Calabria



DIPARTIMENTO DI DIFESA DEL SUOLO "V. MARONE"
 Università della Calabria



ASSOCIAZIONE IDROTECNICA ITALIANA
 Sezione Calabria



Hosted by :



Provincia di Cosenza



Ordine degli Ingegneri
 della provincia di Cosenza



Centro Studi Idraulica Urbana

24-26 May 2006

Sala stampa - Aula Magna
 Università della Calabria
 Rende (CS), Italy

Advances in Knowledge of Urban Drainage From the Catchment to the Receiving Waters

Università della Calabria, Rende (CS), Sala Stampa, Aula Magna — 24-26 Maggio

AIM

The course provides an overview and analysis of actual problems in Urban Drainage, with particular emphasis to storm-water control and water quality management. It includes three days of study, on each day a leading researcher will present recent findings, examples and case studies on the course topics. A few technical sessions will be dedicated to producers of software and sewerage materials.

WHO SHOULD ATTEND

The course is designed for practising hydraulic and environmental engineers, as well as graduates and researchers.

VENUE

The course will be held at the Università della Calabria, Rende (CS), Italy. The registration is 300 € and includes course attendance, coffee breaks, lunches and the social dinner.

REGISTRATION FEE PAYMENT

Please fill the application form on the website www.liu-cs.it/corso2006.htm within 26 April 2006.

Payment must be made out to **Centro Studi Acquedotti e Fognature**.

Bank information for national payments:

Account number: 000051000112

CIN: L

ABI: 03067

CAB: 80884

Bank information for international payments:

IBAN: IT05 L030 6780 8840 0005 1000 112

BIC: CARMIT31696

PROGRAM

WEDNESDAY, MAY 24, 2006

- 8:30 Opening and participant registration
- 8:45 Welcome address - Giuseppe Frega - Director - Dipartimento di Difesa del Suolo - Università della Calabria
- 9:00 L'attività di ricerca nel drenaggio urbano in Italia - Alessandro Paoletti - Presidente CSDU - Centro Studi Idraulica Urbana
- 9:30 **Solids in sewers and pollutant processes** - Chairman Patrizia Piro - Dipartimento di Difesa del Suolo - Università della Calabria
- General aspects - John Sansalone - University of Florida, USA
- 10:30 Coffee break
- 11:00 General aspects - John Sansalone - University of Florida, USA
- 12:00 Discussion
- 12:30 Lunch
- 14:00 Using DHI/MIKE URBAN CS for the simulation of heavy rain's impact on sewer systems - Davide Persi - Intecno-DHI
- 14:15 Using InfoWorks CS for effective storm water control - Alessandro Gallina - HR Wallingford
- 14:30 Ductile iron pipes coatings resistance inside and outside the pipeline in aggressive service conditions - Paolo Beretta - Saint-Gobain Condotte S.p.A. - Milano
- 14:45 Coffee break
- 15:15 Sustainable drainage in the United Kingdom and the impact of the water framework directive - Mike Froud - CDS Technologies
- 15:30 Il contributo della videoispezione alla creazione di un sistema integrato di fognatura - Giovanni Gabelli - Nuova ConTec
- 16:00 Case studies - John Sansalone - University of Florida, USA
- 18:00 Discussion
- 20:00 Dinner

THURSDAY, MAY 25, 2006

- 8:30 **Impact on receiving bodies** - Chairman Paolo Veltri - Dipartimento di Difesa del Suolo - Università della Calabria
- 8:45 General aspects - Jiri Marsalek - National Water Research Institute - Burlington, Canada
- 10:30 Coffee break
- 11:00 General aspects - Jiri Marsalek - National Water Research Institute - Burlington, Canada
- 12:00 Discussion
- 12:30 Lunch

- 14:00 Telecontrollo di impianti di sollevamento fognario e vasche di prima pioggia. Collegamenti on line con installazioni funzionanti - Guido Di Virgilio - ITT Flygt
- 14:30 Leakage tightness and environmental safety of the ductile iron pipes systems for sewage and rain waters convey - Paolo Beretta - Saint-Gobain Condotte - Milano
- 14:45 Using InfoWorks CS for assessing and preventing receiving bodies pollution - Alessandro Gallina - HR Wallingford
- 15:00 Treatment of surface waters for water quality requirements using vortex and absorption technologies - Mike Froud - CDS Technologies
- 15:15 Controllo qualità a affidabilità delle prove sui tubi PVC-A - Claudio Dal Pozzo - GreenPipe
- 15:30 Case studies - Jiri Marsalek - National Water Research Institute - Burlington, Canada
- 17:30 Discussion

FRIDAY, MAY 26, 2006

- 8:30 **Storm Water control** - Chairman Francesco Calomino - Dipartimento di Difesa del Suolo - Università della Calabria
- 9:00 General aspects - Jean-Luc Bertrand-Krajewski - URGC Hydrologie Urbane - INSA de Lyon, France
- 10:30 Coffee break
- 11:00 General aspects - Jean-Luc Bertrand-Krajewski - URGC Hydrologie Urbane - INSA de Lyon, France
- 12:00 Discussion
- 12:30 Lunch
- 14:00 Design of an overflow channel and analysis of heavy rain events using DHI/MIKE URBAN CS - Davide Persi - Intecno-DHI
- 14:15 La compatibilità ambientale come criterio di scelta dei materiali per fognatura - Enrico Corio - Società del Gres
- 14:45 Bacini interrati per la regimazione delle acque di pioggia - Camere in P.P. - Franco Davoli - GreenPipe
- 15:15 Vasche a pioggia/volano, etc.: soluzione dei problemi inerenti alla loro pulizia - Enzo Dionisi - Steinhardt Italia
- 15:45 Case studies - Jean-Luc Bertrand-Krajewski - URGC Hydrologie Urbane - INSA de Lyon, France
- 17:45 Discussion
- 18:15 Closure