

Invitation and Aim

The International Association of Hydraulic Engineering and Research, the Engineering Department at University of Salento (Italy), the Maritime Engineering Laboratory of UPC (LIM/UPC), the International Center for Coastal Resources Research from the Generalitat de Catalunya (CIIRC) and the Escola Tècnica Superior d'Enginyers Camins, Canals i Ports de Barcelona from UPC have the pleasure to invite all engineers, physicists, mathematicians, geologists and oceanographers and all others who have an interest in coastal engineering to attend this short conference.

The aim of the 4th SCACR is to provide all participants with information on the latest developments from both scientific and engineering perspectives in coastal and port engineering and to exchange views with users and stake holders of the coastal zone. In addition to the lectures a number of technical papers will be presented during three specialist sessions. SCACR is addressed to both MSc and PhD students, together with scholars and specialists who want to present their papers and to attend the short course lectures dealing with some of the "hot" topics in present coastal research.

The meeting will be held at the Hydraulic Maritime and Environmental Engineering Department of UPC in Barcelona (Spain). All accepted and presented papers will be published in the 4th SCACR Proceedings sponsored by IAHR. The 4th SCACR will be held within UPC premises inside the simultaneously classic and modern city of Barcelona. The Barcelona airport is located 20 minutes from UPC and the main hotels.

Call for papers

Authors are invited to submit a two page abstract by e-mail to shortcourse@dds.unical.it not later than 20 April 2009. Notification of acceptance will be sent by 30 April 2009. Full papers are due by 1 September 2009. All accepted and presented papers will be printed in the 4th SCACR Proceedings sponsored by IAHR.

Paper topics

The conference will accept papers related to the following topics:

- o Coastal Hydrodynamics.
- o Coastal Morphodynamics and Sediment Transport.
- o Coastal Structures. Functional and resistant design.
- o Impact and mitigation in the coastal zone.

All these topics for present conditions and under future climatic or management scenarios.

Venue and Registration

The course and the workshop will be held at the UPC premises in Barcelona, Spain. The registration fee is 350 € for participants and 320 € for authors (there is a 10% discount for IAHR members and students). Late registrations will be increased by 90 €. This fee includes participation in all activities, coffee and lunch breaks and the Social Dinner plus one copy of the Proceedings. Registration forms with a copy of the bank transfer must be sent not later than 10 May 2009 to: shortcourse.scacr@upc.edu.

Organizing Committee

Agustin Sanchez-Arcilla, 4th SCACR co-chairman
Roberto Tomasichio, 4th SCACR co-chairman
Manuel Espino, LOC 4th SCACR
Albert Falques, LOC 4th SCACR
Xavier Gironella, LOC 4th SCACR
Jorge Guillen, LOC 4th SCACR
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Contacts

Further information can be obtained from the course/conference secretary at:
Phone : +34 93 401 6468
Fax : +34 93 401 1861
E-mail : shortcourse.scacr@upc.edu



4th SCACR International Short Conference on APPLIED COASTAL RESEARCH

Honouring prof. Hans. F. Burcharth
Aalborg University, Denmark

Barcelona, Spain

15 – 17 June 2009



Announcement and Call for Papers



International Association of Hydraulic
Engineering and Research

PROGRAMME

4th SCACR

International Short Conference on APPLIED COASTAL RESEARCH

Honouring prof. Hans. F. Burcharth

Monday 15th June 2009

- 15:30 – 16:00 Registration
- 16:00 – 16:15 Opening and Welcome address
Agustin Sánchez Arcilla, LIM/UPC,
Roberto Tomasicchio, University of Salerno
- 16:15 – 17:30 **Lecture 1:** “Changing Coastal Environment”
by Marcel Stive, TU Delft, The Netherlands
- 17:30 – 18:00 Coffee Break
- 18:00 – 20:00 **Technical Session 1**
Chairman: Jose A. Jiménez (LIM/UPC)

Tuesday 16th June 2009

- 9:30 – 10:45 **Lecture 2A:** “Design of coastal structures”
by Jeff A. Melby, USACE, USA
- 10:45 – 11:15 Coffee Break
- 11:15 – 12:45 **Lecture 2B:** “Design of coastal structures”
by Jeff A. Melby, USACE, USA
- 13:00 – 14:30 Lunch Break

Honouring prof. Hans. F. Burcharth

- 14:30 – 16:00 **Lectio Magistralis**
“Breakwater engineering”
by professor Hans F. Burcharth,
Aalborg University, Denmark
- 16:00 – 16:30 Coffee Break
- 16:30 – 18:30 Invited speakers for Specialist Session
- 16:30– 6:50 Extreme wave events (Agustín Sánchez-Arcilla – LIM/UPC)
16:50-17:10 Deterministic formulations. Transmission, reflection and overtopping (F. Xavier Gironella - LIM/UPC)
17:10-17:30 Probabilistic breakwater design (César Vidal – Cantabria Univ.)
17:30-17:50 Instrumented breakwaters. The Barcelona harbour case (Javier Uzcanga – Harbour of Barcelona)
17:50-18:10 The design and construction of large breakwater. The Coruña harbour case (Enrique Maciñeira – Harbour of La Coruña)
- 20:45 Social Dinner

Wednesday 17th June 2009

- 9:30 – 10:45 **Lecture 3A:** “Overtopping modelling”
Holger Schuettrumpf, Institute of Hydraulic Engineering and Water Resources of RWTH, Aachen, Germany
- 10:45 – 11:15 Coffee Break
- 11:15 – 12:15 **Lecture 3B:** “Overtopping modelling”
Holger Schuettrumpf
- 13:00 - 14:30 Lunch Break
- 14:45 – 16:45 **Technical Session 2**
Chairman: Eugenio Pugliese Carratelli,
University of Salerno, Italy
- 17:00 Discussion and Closing

Registration form

First name _____
Second name _____ Title _____
Organization _____
Address _____
City _____ Postal code _____
Country _____
E-mail _____
Phone _____

Authors should submit a two pages abstract by e-mail to shortcourse@dds.unical.it not later than 20 April 2009. Authors will receive notification of acceptance by 30 April 2009. Full papers are due by 1 September 2009.

Registration fee payment

Please, complete this form and forward with attached copy of the bank transfer (quote 4th SCACR) to shortcourse.scacr@upc.edu by 10 May 2009. Payments must be in favour of UNIVERSITAT POLITÈCNICA DE CATALUNYA (UPC)

Bank information

Bank Name: “Caixa d’Estalvis i Pensions de Barcelona”
C/ Trias Giró, 11-13 – Ciutat Universitaria – 08034 - Barcelona
Account Number: 2100-0655-76-0200334058
IBAN: ES72 2100 0655 7602 0033 4058
BIC/CODI SWIFT: CAIXESBBXXX

Hotel information and reservation

Barcelona offers a wide variety of hotels covering many prices. Most of them are well connected through the Barcelona public transport system. More specifically the organization has pre-booked a bulk number of rooms in:

Hotel Husa Arenas (****) hotelarenas@husa.es ;
<http://www.hotelhusaarenas.com/es/index.php>
Hotel Husa Pedralbes (***) acami@husa.es ;
<http://husapedralbes.barcelonahotels.it/>
Hotel Bonanova Park (***) comercialbonanovapark@husa.es
<http://www.hotelbonanovapark.com/>

Please, contact directly with hotels for booking before 10th May making reference to 4th SCACR Conference