



WORKSHOP VENUE

Everyone knows the Tower of Pisa, but the city of Pisa is not just the Tower, nor the marvellous Piazza dei Miracoli where it stands, with its Cathedral, Baptistery and Monumental Cemetery. Pisa is many other things as well. It is the city of the ancient Etruscan and Roman Port at San Rossore, one of the most recent and important archaeological discoveries made yet.

Pisa is one of most famous university cities in the world, with its ancient University (dated 1343), the Normal High School, the School of Sant'Anna, the CNR laboratories.

All this and much else besides, makes Pisa a unique city in the vast panorama of the so-called art cities.

Today the University of Pisa boasts eleven faculties and fifty-seven departments, with high level research centres in the sectors of agriculture, astrophysics, computer science, engineering, medicine and veterinary medicine. In this context, the department of civil Engineering is an important research centre that host many research fields such as the laboratory on structure, geotechnical and hydraulics.

A new laboratory has recently been instituted in the Hydraulic Department, named as the PITLAB, to study river structures with low environmental impact and general problems of fluvial flow.

Pisa is easy to reach either by airplane, thanks to the presence of "Galileo Galilei International Airport", served by 22 airlines operating 360 weekly flights to 47 national and international destinations (Summer 2006). Numerous companies offer charter and low cost flights to a number of European and non-European destinations as well as train or buses from the main Italian city.

The engineering Aula Magna, where the conference will be hosted, is nearby the railway station and the "Piazza dei Miracoli".

OBJECTIVES

Following the success of the first event (<http://www.aprh.pt/ijrewhs06/>), the aim of the 2nd International Junior Researcher and Engineer Workshop on Hydraulic Structures (IJREWHs'08) is to provide an opportunity for young researchers and engineers (typically post graduate students, but also young researchers and

engineers in both public and private sectors) to present ideas, plans, and preliminary results of their research in an inspiring, friendly, co-operative, and non-competitive environment. To reach that purpose, the local organizing committee will organise a call for papers, with a peer-review process to be undertaken by the International Scientific Committee. *All the papers must have a Junior co-Author that will present and discuss the work at the conference.*

The workshop sessions will be chaired by the junior participants, who will play a major role in preparing reports and identifying key scientific elements and pending questions for all sessions. Therefore, the main goal is to learn from and help each other in solving scientific and engineering problems.

The IJREWH on "Hydraulic Structures" addresses conventional and innovative aspects of hydraulic structures design, operation, rehabilitation, and interaction with the environment.

The main topics of the workshop will include:

- A. *New developments in the design, construction, operation, monitoring, maintenance and rehabilitation of hydraulic structures*
- B. *Instrumentation and technology in the laboratory experiments and field tests*
- C. *Intakes and outlets, spillways, fish ways and energy-dissipating structures*
- D. *Two-phase flow, pipe flow, cavitation, vibration and aeration*
- E. *Environmental and ecological impact of hydraulic structures*
- F. *Interaction between sediment transport and structures*

Different approaches are welcome, namely experimental, theoretical and numerical modelling.

The workshop will be held for three days; in the second day the technical visit will take place.

CALL FOR PAPERS

Participants are invited to submit extended abstracts by April 1, 2008. One page abstracts shall summarize in English, the language of the Workshop, the major unpublished contents of the paper and include name, title, affiliation of the authors as well as the complete address (including fax and e-mail). Abstracts should be sent by e-mail to s.paqliara@ing.unipi.it. The pre-print of the full papers will be available during the Workshop, while the final proceedings will be printed in november 2008.

FINAL REGISTRATION FEES

Registration	N°	Early	Late (^)	On site	Total
High country income fee	<input type="checkbox"/> Euro 100	<input type="checkbox"/> Euro 130	<input type="checkbox"/> Euro 150€
Low country income fee	<input type="checkbox"/> Euro 30	<input type="checkbox"/> Euro 60	<input type="checkbox"/> Euro 80€
Member of IAHR	<input type="checkbox"/> Euro 90	<input type="checkbox"/> Euro 115	<input type="checkbox"/> Euro 135€
Proceedings*	<input type="checkbox"/> Euro 40	<input type="checkbox"/> Euro 40	<input type="checkbox"/> Euro 40€
Technical Visit + Conference Dinner of July 31, 2008 (only for Accompanying Person)	<input type="checkbox"/> Euro 40	<input type="checkbox"/> Euro 40	<input type="checkbox"/> Euro 40€
TOTAL amount due:				€

According to country of residence (visit www.iahr.org for details).

The fees cover the pre-prints, the participation in the Workshop, the technical visit and the conference dinner of July 31.

Please Note:

- Cancellations before June 2 will receive a refund less a €30 cancellation fee.

- (^) Registration after June 20, 2008

- * For each copy (to be paid together with the registration fee).

- **DOWNLOAD THE REGISTRATION FORM FROM THE WEB SITE:**

<http://www2.ing.unipi.it/2nd-ijrewhs08/>

KEY DATES

15-04-2008 **!!!NEW!!!**Deadline for abstract submission

20-04-2008 Notification of abstract acceptance

01-06-2008 Deadline for submission of full-paper manuscript

15-06-2008 Preliminary acceptance of the full-paper

20-06-2008 End of early registration

15-07-2008 Finalized technical program

30-07-2008 Workshop beginning

20-09-2008 Final deadline for revised paper submission

30-11-2008 Book of Proceedings print-out

HOTEL RESERVATION

Participants are free to book accommodation in any hotel of their preference. However, special rates have been negotiated with some hotels. The list is available on the link:

http://www.unipi.it/ateneo/bandi/ricercat/kit/elencoalberghi.htm_cvt.htm

INTERNET ACCOUNT

In order to activate a Internet account during the conference download the form available on the link: http://www.unipi.it/ateneo/bandi/ricercat/kit/elencoalberghi.htm_cvt.htm

LOCAL ORGANIZATION

Stefano Pagliara (Chairman)

Ilaria Lotti, Michele Palermo, Carnacina Iacopo

Rajib Das, Dipankar Roy.

Correspondence:

e-mail: s.paqliara@ing.unipi.it, ilaria.lotti@ing.unipi.it

web-site: <http://www2.ing.unipi.it/2nd-ijrewhs08>

EXECUTIVE COMMITTEE

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Christopher GEORGE	IAHR Executive Director

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First Name _____

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Member of IAHR
Membership

Number: _____

I intend to submit a paper on the topics
 A; B; C; D; E; F

I interested to activate a Internet account
during the conference

Please send this form to:
Mail: Department of Civil Engineering,
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2nd INTERNATIONAL JUNIOR RESEARCHER AND ENGINEER WORKSHOP

ON

HYDRAULIC STRUCTURES

web-site: <http://www2.ing.unipi.it/2nd-ijrewhs08>

AULA MAGNA, FACULTY OF ENGINEERING
UNIVERSITY OF PISA

30,31 July, 1 August 2008, Italy

Final Bulletin

Organized by



Hydraulic Structures Section
of the International Association of Hydraulic
Engineering and Research (IAHR)

Universita' di Pisa