

ABSTRACT SUBMISSION FORM

International Junior Researcher and Engineer Workshop on Hydraulic Structures

2-4 September 2006, Montemor-o-Novo, Portugal

First name :

Family name :

Position :

Mailing address :

.....

.....

Tel : (+int. code)

Fax : (+int. code)

E-mail :

Please indicate with an "X" any of the following boxes
that are applicable:

My abstract is enclosed/attached

I intend to submit an abstract by 29 July 2006

Please, email or fax this form to :

Jorge MATOS
Instituto Superior Técnico, DECivil
Av. Rovisco Pais, nº 1
1049-001 Lisboa
Portugal
Tel: +351 21 841 8143/5
Fax: +351 21 849 7650
Email: jm@civil.ist.utl.pt

LOCAL ORGANIZATION

Jorge MATOS (Chairman)
António AMADOR
Pedro MANSO
Mário FRANCA

EXECUTIVE COMMITTEE

Jorge MATOS	<i>Instituto Superior Técnico Chairman IAHR Hydraulic Structures Section</i>
Hubert CHANSON	<i>The University of Queensland Secretary IAHR Hydraulic Structures Section</i>
António AMADOR	<i>Escola Superior de Tecnologia do Barreiro/ Instituto Politécnico de Setúbal</i>
Pedro MANSO	<i>Instituto Superior Técnico & Ecole Polytechnique Fédérale de Lausanne</i>
Mário FRANCA	<i>Instituto Superior Técnico</i>
Christopher GEORGE	<i>IAHR Executive Director</i>

INTERNATIONAL SCIENTIFIC COMMITTEE

(The International Scientific Committee will include all
IAHR - Hydraulic Structures Section members willing to
serve along with some other international experts. Detailed
information will be provided in the very short run).

First Announcement & Call for Abstracts

International Junior Researcher and Engineer Workshop

on

HYDRAULIC STRUCTURES

**Montemor-o-Novo
2-4 September 2006**

Organized by



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



Instituto Superior Técnico (IST)

and



Portuguese Association of Water Re-
sources (APRH)

Sponsored by

(local institutions/organizations)

BACKGROUND AND OBJECTIVE

Following the idea and concept of the European Junior Scientist Workshops of the IWA/IAHR Joint Committee on Urban Drainage, the IAHR Hydraulic Structures Section invites you to attend the International Junior Researcher and Engineer Workshop on Hydraulic Structures (IJREW). This workshop will 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 own research in an inspiring, friendly, co-operative, and non-competitive environment. The junior participants are also expected to chair sessions, as well as to 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 IJREW on “Hydraulic Structures” addresses conventional and innovative aspects of hydraulic structures design, operation, rehabilitation, and interaction with the environment. The main themes of the workshop will embrace the hydraulics of dams and hydropower schemes, river structures, as well as hydraulic structures in urban drainage and sewer systems.

The main topics of the workshop may include:

- Innovative spillway design
- Energy dissipators
- Intakes, outlets and hydraulic circuits
- Drop structures and culverts
- Fish passes
- Hydrodynamic loads on structures
- Hydro-morphological interaction with structures
- Environmental impacts of hydraulic structures
- Rehabilitation of hydraulic structures
- Operation of hydraulic schemes
- Laboratory and field measurement techniques

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

CALL FOR ABSTRACTS

Authors are requested to submit an extended abstract by e-mail to the workshop secretariat (apr@apr.pt) by 22 July 2006.

The extended abstract should include the title, author(s), affiliation(s), full address (incl. tel., fax, and e-mail) of the corresponding author, and up to 4 keywords. The extended abstract should not exceed 2 A4-pages including possible illustrations, tables, acknowledgments and references. Interest of approach, applicability, equipment, methodology, modelling or results should be emphasised. For the preparation of the extended abstract, the authors must use the template which will be available in the indicated site.

Participants will be selected based on abstracts submitted. The number of speakers should range between 8 and 20. The maximum number of participants is limited to 30. Evaluation of abstracts will be carried out by the Scientific Committee. Authors will be notified of acceptance for presentation no later than 4 August 2006.

LANGUAGE

English will be the workshop language during working sessions. Other languages will be welcome during all other social events and activities.

PUBLICATION

The accepted extended abstracts will be included in the workshop documentation. The full papers (8 pages long) may be presented prior or after the workshop; in the former case, authors may benefit from discussions during the workshop. The final deadline is September 30. In order to enhance the preparation of the sessions and stimulate a more active discussion, copies (PDF) of the power point presentations should be sent to the workshop secretariat by September 1, to be printed and distributed to participants. After the workshop, all full papers will be reviewed by the International Scientific Committee and authors will be informed of paper acceptance by October 30. A special issue of the workshop proceedings will then be produced with selected full papers.

PLACE & TRANSPORTATION

The workshop will be held at Hotel da Ameira in Montemor-o-Novo, a municipality located in the District of Évora, in the heart of Alentejo Province, a region of wide plains to the South of the Tagus River. The city of Évora, with its well-preserved old town centre, still partially enclosed by medieval walls, with large number of monuments dating from various historical periods, is included in UNESCO's World Heritage list.

There is public transportation available from Lisbon by bus. However, bus shuttle from Lisbon to Montemor-o-Novo and back to Lisbon will also be provided by the workshop organization. A meeting point at Lisbon Airport and respective schedule will be organized. For more information about the facilities visit the websites: <http://www.maisturismo.pt/1/872.html> or directly at <http://www.hoteldaameira.pt/> (in Portuguese).

PROGRAMME

The working time will typically be 4-5 sessions (morning, afternoon, evening). After a social evening on Saturday 2 September, the technical program will span on 3 and 4 September, including a technical tour. The technical tour is planned for visiting relevant hydraulic schemes in Alentejo region, namely Alqueva (largest artificial reservoir in Europe) and Pedrógão dams, part of the EDIA irrigation-hydropower-water supply multipurpose scheme. A tour to the city of Évora may eventually be provided.

REGISTRATION

Participants are expected to make all travel arrangements to Portugal and pay for the trip. A reduced fee will be charged to cover costs with accommodation and workshop transportation (Lisbon/Montemor-o-Novo/Lisbon). No additional fee will be charged for the technical tour. Registration and payment details will be made available on the workshop web site.

WEB SITE

Information on the workshop will be given and updated on the following web site: <http://www.aprh.pt/ijrewhs06>.