

IMPORTANT DATES

Receipt of abstracts	30 th Nov., 2009
Notification of provisional acceptance	31 st Dec., 2009
Receipt of full length paper	30 th Apr., 2010
Notification of final acceptance	1 st Jun., 2010
Early registration	30 th Jun., 2010
ICHD'2010	11 th -15 th Oct., 2010

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ORGANIZED BY

Editorial Board of Journal of Hydrodynamics
(**EBJHD**)
China Ship Scientific Research Centre (**CSSRC**)
Shanghai Jiao Tong University (**SJTU**)
Shanghai University (**SHU**)

LANGUAGE

The conference language will be English. All abstracts and full length papers must be submitted in English.



ICHD 2010



9th INTERNATIONAL CONFERENCE ON HYDRODYNAMICS

11-15 Oct. 2010
SHANGHAI CHINA

First Announcement and Call for Papers

SPONSORS

- China Shipbuilding Industry Corporation (**CSIC**)
- China State Shipbuilding Corporation (**CSSC**)
- Chinese Academy Engineering, Mechanical and Vehicle Engineering Division (**CAE-MVED**)
- Chinese Hydraulic Engineering Society (**CHES**)
- Chinese Society of Naval Architects and Marine Engineers (**CSNAME**)
- Chinese Society of Oceanography (**CSO**)
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- Hong Kong Society of Theoretical and Applied Mechanics (**HKSTAM**)
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- Japan Society of Naval Architects and Ocean Engineers (**JASNAOE**)
- Korea Association of Ocean Science & Technology (**KAOST**)
- K. C. Wong Foundation of Education (**HK**)
- National Natural Science Foundation of China (**NSFC**)
- Royal Institute of Naval Architects (**RINA**)

CONFERENCE THEMES

The overall aim of the ICHD Conference is to provide a forum for participants from around the world to review, discuss and present the latest developments in the broad discipline of hydrodynamics and fluid mechanics.

The first International Conference on Hydrodynamics (ICHHD) was initiated in 1994 in Wuxi China. Since then 7 more ICHD conferences were held subsequently in Hong Kong, Seoul, Yokohama, Tainan, Perth, Ischia and Nantes. Evidently the ICHD conference has become an important event among academics, researchers, engineers and operators, working in the fields closely related to the science and technology of hydrodynamics. The 9th ICHD will be held in Shanghai, China in 2010. The Editorial Board of the Journal of Hydrodynamics will be in charge of the organizing work of ICHD2010.

This is the second ICHD conference to be held in the mainland of China. During the 15 years after the first ICHD, Shanghai has been dramatically changed. The 9th ICHD conference will be held during the World Exposition 2010 (EXPO) in Shanghai. Participants of the ICHD 2010 will be able to enjoy not only the conference but also EXPO.

The scope of the Conference will be broad, covering all the aspects of theoretical and applied hydrodynamics. Specific topics include, but are not limited to:

- Linear and non-linear waves and current
- Ship hydrodynamics resistance, propulsion, powering, seakeeping, manoeuvrability, slamming, sloshing, impact, green water, wake flow,
- Cavitation and cavitating flows
- Hydrodynamics in ocean, coastal and estuary engineering
- Fluid-structural interactions and hydroelasticity
- Hydrodynamics in hydraulic engineering
- Industrial fluid dynamics
- Computational fluid dynamics
- Ocean and atmosphere dynamics
- Environmental hydrodynamics
- Advanced experimental techniques
- Multiphase flow
- Theoretical hydrodynamics
- ...etc.

SYMPOSIUM ON HYDRODYNAMICS IN HONOR OF PROFESSOR Y.S. HE

For celebrating the 80th birthday of distinguished Professor Y.S. He, and in recognition of his great contributions to the development of science and technology in the fields of cavitating flows and environmental hydrodynamics, a special Symposium on Hydrodynamics in honor of Professor Y.S. He will be organized jointly with the 9th ICHD conference. The participants of ICHD conference are warmly welcome to attend the Symposium.

ABSTRACTS

Abstracts should be 250-350 words in length and must clearly indicate the contents of the paper. The proposed papers can treat theoretical, experimental or numerical aspects, and must be of archival quality. The abstracts ought to include author's and co-authors' full names, addresses, telephone and facsimile numbers and e-mail addresses.

REVIEW

Manuscripts will be reviewed by international experts. Accepted papers will be included in the conference proceedings.

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