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The 9th International Conference on Hydrodynamics (ICHD2010)

The 9th International Conference on Hydrodynamics (ICHD2010) will be held on 11-15 Oct. 2010 in Shanghai, China.

In 1993 the Editorial Board of the Journal of Hydrodynamics initiated the first International Conference on Hydrodynamics (ICHD), held in Wuxi China in October 1994. The conference has become an important event among academics, practitioners and researchers. After the first conference, eight conferences were held in Hong Kong, Korea, Japan, Taiwan China, Australia, Italy and France in turn. There is much interest in ICHD taking place in China again. The Editorial Board of the Journal of Hydrodynamics will be in charge of the organizing work of ICHD2010.

After the first ICHD, nearly 15 years have passed. Shanghai has been dramatically changed during that period. In 2010 the World Exposition (EXPO) will be held in Shanghai from May to the end of October. Participants of the ICHD 2010 will be able to enjoy not only the conference but also EXPO.

The overall aim of the 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 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 and coastal engineering
- Fluid-structural interactions and hydroelasticity
- Hydrodynamics in hydraulic engineering
- Industrial fluid dynamics
- Computational fluid dynamics (CFD)
- Ocean and atmosphere dynamics
- Environmental hydrodynamics
- Advanced experimental techniques
- Multiphase flow
- Fundamental hydrodynamics
- ...etc.

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.

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.

Language

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

Key Dates

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

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