

22nd IAHR International Symposium on Ice 2014

11-15 August 2014 | Singapore

Second Announcement



Organised by

Introduction

You are cordially invited to the 22nd IAHR International Symposium on Ice, which will be held from 11 – 15 August 2014 in Singapore.

The 22nd IAHR International Symposium on Ice is sponsored by the International Association of Hydro-Environment Engineering and Research (IAHR). The long running successful event had been held previously in international cities around the world. In 2014, it will be the first time that IAHR Symposium on Ice is held in Singapore, a top international convention city ideally located midway between the Arctic and Antarctic. In Singapore, there are interests related to ice research and its link to the long term sea level rise, potential development of new shipping routes due to the melting Arctic, design of offshore structures in cold regions, and the impact of climate change on all water resource issues.

The aim of the Symposium is the development of international collaboration, exchange of current knowledge among scientists from different countries in research of ice processes, and determination of the most significant tasks for investigations.

Call for Paper

The Symposium will cover all areas of ice research, including river, lake, and sea ice, as well as glacial and hydrological processes.

Climate change impacts on the cryosphere

- Impact of climate change on river, lake, sea, and glacial ice
- Relationship between sea level rise and ice conditions
- Polar sea ice changes

Ice and offshore structures

- Ice mechanics
- Ice-structure interactions
- Offshore engineering

River, lake and reservoir ice

- River, lake and reservoir ice processes
- Ice engineering and management
- Effect of river and lake ice on watershed hydrology

Sea ice processes

- Sea ice physics
- Dynamics and thermodynamics of marginal ice zone
- Arctic sea state modelling and forecasting

Ice dynamics and shipping

- Shipping hazards due to floating ice
- North Sea shipping routes

Field and laboratory technology

- Field technology
- Laboratory technology
- Remote sensing applications

Environmental and ecological concerns

- Ecology and habitat in ice-covered waters
- Oil spills in ice-covered waters
- Water quality in ice-covered waters

Special Sessions

Special sessions will be organized on lake ice, numerical modeling of ice-structure interactions, impact of climate change on developments in Arctic regions, wave-ice interaction, and dynamics of river ice and channel morphology. We invite additional special session proposals on topics of current interests or research results from large research projects with a group of participants (please contact Scientific Committee Chairs).

Student Paper Competition

To encourage the attendance and participation of students in the symposium, there will be a reduced registration fee for those currently enrolling full time. There will also be a student paper competition, judged on the presentation of papers by students at the conference. The student must be the primary author of the paper to be eligible for consideration.

Registration Fee

	Early Registration	Regular Registration
Full Participant*	750 SGD	800 SGD
IAHR Member*	700 SGD	750 SGD
Full Time Student	550 SGD	600 SGD
Accompanying Person	150 SGD	200 SGD

* Discount will be provided to participants from developing countries. Please check the symposium website for details.

Local Organizing Committee

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Nanyang Technological University, Singapore

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Nanyang Technological University, Singapore

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Nanyang Technological University, Singapore

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Important Date

Abstract Submission	Sep 30, 2013
Abstract Deadline	Dec 1, 2013
Manuscript Deadline	Mar 31, 2014
Registration Open	Apr 1, 2014
Final Paper Deadline	May 1, 2014
Early Registration Fee	May 1, 2014
Conference Begins	Aug 11, 2014
Conference Ends	Aug 15, 2014

Further Information

DHI-NTU Centre,

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For further details, please visit the conference website at:
<http://www.iahr-ice2014.org>