The International Workshop on Nautical Traffic Models

Call for Papers

15th - 17th October 2014

Wuhan, China
ANNOUNCEMENT

Background

Maritime transport has played a very important role in international trade. In the recent decade, the world has witnessed the enormous growth of the traffic intensity in ports and the dramatic increase of ships’ size and speed. All these are bringing great challenges to the communities of Port Engineering, Naval Architecture and Navigation. It is very demanding to develop innovative methodologies to optimize the whole process for ports and waterways design and vessel traffic management to substantially increase both the capacity and safety level.

To follow the successful workshops IWNTM 2012 in Shanghai, China and IWNTM 2013 in Delft, the Netherlands, IWNTM2014 will be held in Wuhan, China on 15th-17th October 2014. It aims at exchanging knowledge, experiences and opinions of scientists and professionals that concern shipping safety, simulation technologies, marine traffic engineering and related fields. It will greatly foster the next generation design and assessment of safe and efficient ports and waterways.
Who are kindly invited

The workshop will be of interest to:

- Port Authorities
- Waterway Designer
- Hydraulic Engineers
- Navigation Experts
- Marine Educators
- Marine Engineers
- Maritime Administrators
- Marine Consultants
- Maritime Industry Regulators
- Navigation Officers
- Naval Architects
- Ship Managers & Operators

Topics

Ports and Waterways
- Water Area and Port Layout Design
- Probabilistic Design of Channels

Ship Hydrodynamics
- Numerical Modeling based on CFD
- Manoeuvring and Control of Ships
- Simulation Technologies

Shipping Safety
- Risk Assessment
- Human Factors and External Conditions Influencing Navigation Safety

New Technologies
- Application of Game theory in Traffic Flow Analysis
- Artificial Intelligence Theory and Its Application in Vessel Traffic Services

Submission

Interested authors are invited to submit an abstract of about 300 words in English by e-mail as an MSWord/PDF file to the following email address:

E-mail: moujm@whut.edu.cn; F.Xiao@tudelft.nl; 273618891@qq.com

Website: http://sn.whut.edu.cn/IWNTM2014

Deadlines

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<tr>
<th>Submission of Abstract:</th>
<th>45th June, 2014</th>
<th>15th July, 2014</th>
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<tr>
<td>Notification of Acceptance:</td>
<td>31st July, 2014</td>
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<td>Submission of Final Paper:</td>
<td>30th August, 2014</td>
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Committee

LOCAL ORGANIZING COMMITTEE:

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China Port and Harbor Association  Shanghai Maritime Administration
China Society of Naval Architects and Marine Engineers  Chang Jiang Maritime Administration
China Institute of Navigation  Chang Jiang Waterway Bureau
Yangtze Estuary Waterway Administration Bureau  Three Gorges Navigation Authority

Chang Jiang Waterway Planning Design and Research Institute

INTERNATIONAL SCIENTIFIC COMMITTEE

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Dr. W. Daamen NL  Prof. J. Zheng CN
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