



Call for Papers

FastWash 2009 Conference on High Speed Waterborne Transport for Environmentally Sensitive Areas

July 12-14, 2009

Bremerton, Washington

Waterborne transportation is continually expanding worldwide, with vessel traffic increasing and vessels becoming larger and faster. Fast and efficient waterborne transportation systems that can reduce travel time for commuters and reduce shipping time and cost are fundamental to the economic well-being of water-based communities. But at the same time, this increases the pressure on our waterways. The value we place on property and natural areas along the water continues to increase, which escalates the challenge to address the impacts of vessel traffic on waterway property, infrastructure and environmentally sensitive areas.

Over the past few years significant advances have been made in techniques for modeling vessel hydrodynamic effects (especially waves and wake-wash), their translation through the water to the shore, and the impacts they can produce on shorelines, river banks, and waterway infrastructure. In parallel, the enhanced understanding of the way these effects occur has led to an improved capability to design high speed vessels so as to reduce their generation of waves and wake-wash and improve their performance and efficiency.

This conference will bring together scientists, engineers, ship and boat designers, operators, and policy makers having an interest in the scientific and technological developments, operational policies, and environmental issues related to high-speed waterborne transportation in confined waters and environmentally sensitive areas.

Additional information and new information as it develops can be found on the FastWash 2009 website (www.fastwash09.org).

Conference Topics

Original papers are invited on theory, analysis, modeling, measurement, and case studies for the following topics:

- Environmental Effects of High Speed Vessels
 - Vessel-generated waves, wake-wash, prop wash and jet scour
 - Translation of waves from vessel to shore
 - Effects of channel underwater configuration and water depth
 - Impacts on shorelines and structures
 - Effects of shore materials and configuration
 - Impacts to marine flora and fauna
 - Noise, air and water pollution
- Design of Environmentally Friendly Vessels and Transport Systems
 - Innovative design of low-impact high-speed vessels
 - Management and operations of high speed waterborne transit systems
 - Coastal engineering for mitigation of vessel-related impacts
- Computational and Experimental Techniques
 - Computational fluid dynamics modeling
 - Other modeling and analysis techniques
 - Measurements and experimental validation
 - Field and laboratory testing

Call for Papers and Expressions of Interest

Prospective authors are invited to propose papers dealing with the conference topics or related topics. Please submit abstracts by e-mail to info@fastwash09.org, with FASTWASH09 ABSTRACT in the e-mail subject line. Adobe PDF-format is preferred.

Alternatively, abstracts may be mailed to:

Attention: FASTWASH2009
Pacific International Engineering, PLLC
P.O. Box 1599
Edmonds, WA 98020

The conference language will be English, and abstracts and papers must be in English. Please limit the abstract to 500 words or two pages. For each author provide the complete name, title, organization or company affiliation, street address, and email address. Please underline the name of the author to whom correspondence should be addressed. (Note: An author cannot be listed as first author on more than one paper.)

Deadline Dates

- Abstracts must be received no later than **October 31, 2008**.
- Notification of acceptance of abstracts: **November 30, 2008**.
- Deadline for receipt of final papers: **April 30, 2009**.

The conference proceedings, including all papers and other pertinent material, will be distributed on a disk following the conference. Papers must be presented at the conference in order to be included.

Exhibitors

FastWash2009 will provide excellent possibilities to present your products, your projects, your ideas and your company. If you are interested in exhibiting at FASTWASH2009, please contact info@fastwash09.org for further details or download exhibitor information from the conference website.

Sponsors

Interested companies and organizations are invited to become sponsors of FASTWASH2009. Please download the sponsorship information package from the conference website or contact info@fastwash09.org for further details.