Seminar: Advanced Hydrodynamics and Motion Analysis

Overview

With the necessity to ensure that floating structures meet challenging operational demands, hydrodynamics analysis is vital to the offshore, marine and renewable energy industries. Please join us for this free seminar to see how you can use advanced analysis to improve your products and systems and to be updated on the latest developments in ANSYS design and analysis software.

At the seminar we will:

- Provide an in-depth technical overview of ANSYS design and analysis software for marine applications
- Introduce ANSYS AQWA for multi-body hydrodynamics and motion analysis
- Review industry-specific case studies, including:
  - Ocean/River Turbine
  - Oscillating Water Column (Energy Converter)
  - Sport Fishing Boat
  - Support Barge for Hydrokinetic Energy Projects
  - Optimization of Sails and Rigs
  - Shallow and Deep Water Mooring Systems
  - Membrane Structures for Tanks, Airships, Architectural Features

Who Should Attend?

- Engineers and naval architects
- Academic and industrial researchers
- Users and potential users of ANSYS design and analysis tools

Questions?

Contact Al Duff at al.duff@ansys.com

Location: Portland, Maine

Date: Thursday, August 2, 2012

Time: 8:30 a.m. – 4:00 p.m.

Venue: Marriott Residence Inn
Portland Downtown/Waterfront
145 Fore Street
Portland, ME 04101

Cost: **Free**

Sponsors: ANSYS, Inc.
Maine Marine Composites LLC
Doyle CFD

Register:
https://marketing.ansys.com/go/ansysinc/ognaseemsn658

About Maine Marine Composites

MMC provides engineering services for the marine industry. Specializing in advanced hydrodynamics and seakeeping analyses, MMC can predict motion of ships and platforms in waves, forces and accelerations applied to ship borne machinery, and ride quality for passenger vessels.

MMC associates can design your next boat or fleet of boats, can select advanced materials for your next hydrokinetic project, and can help you to build and test your prototypes. As a technical partner, MMC can help assure that your project will be successful.