



Call for Papers & Presentations

The American Society of Naval Engineers Presents Launch & Recovery of Manned and Unmanned Vehicles from Marine Platforms Symposium 2010

March 8-9, 2010 • Maritime Institute of Technology & Graduate Studies (MITAGS) • Baltimore/Washington Corridor

Symposium Overview:

The 2005 & 2008 Launch and Recovery Conferences were outstanding successes drawing upon the leading experts from around the world to discuss emergent technical issues. The 2010 Launch and Recovery Conference of Manned and Unmanned Vehicles from Marine Platforms represents a unique opportunity to also include the vehicles themselves in the discussion and the special interfaces that must exist between the vehicle and the platform. New participants and those who attended the previous conferences are encouraged to present their current cutting edge technology, and discuss progress that has occurred over the intervening two years. Unmanned vehicles are increasingly integrated into the day-to-day operations of naval and commercial maritime operations, from ocean platform inspection, to search-and-rescue, to surface and antisubmarine warfare. At the same time, the use of small manned vehicles is also on the rise, whether high-speed boats on Coast Guard ships or helicopters on research vessels. The need to operate both manned and unmanned vehicles from the same platform is of increasing importance, and so are the means to quickly and safely launch and recover a wide variety of such vehicles – which are evolving at a rapid pace – is an area of intense research and development in national and international naval, commercial and academic sectors.

We invite participants to give presentations on subjects related to the launch and recovery of vehicles from surface platforms. Vehicles include both manned and unmanned vehicles (e.g., helicopters, rotorcraft, fixed-wing aircraft, RIBs, high-speed craft, tenders, UAVs, USVs, UUVs, etc.). Marine platforms comprise naval, coast guard, passenger and commercial ships, offshore platforms and other vessels. We will accept either full technical paper articles or PowerPoint presentations only.

The following launch / recovery topics are of particular relevance:

- The actual vehicles that are launch and recovered
- Innovative and conventional methods/systems for launch and recover of surface, underwater and air vehicles
- Lessons learned since previous conferences
- Improvements to operational capabilities and mission effectiveness
- Simultaneous operations of manned and unmanned craft
- Autonomous recovery operations, guidance systems, night operations
- Issues for systems with reduced or zero deck crew: safety, human factors, training
- Certification, test and evaluation
- Issues related to launch/recovery in higher sea states and higher speeds
- Platform and system flexibility to accommodate differing vehicle types and future vehicle growth
- Issues on small platforms like fishing vessels and high-speed boats
- Issues for passenger ships, ferries, cargo ships, etc.
- Issues for Navy and Coast Guard vessels
- General research and development needs and initiatives.



Please submit a one page abstract/proposal no later than October 30, 2009, by e-mail to the contact below.

Proposals should include:

- Paper title
- Name(s) of principal author(s) and organization(s)
- Whether you propose to submit a complete paper or only a PowerPoint presentation
- Primary point of contact, address, telephone and facsimile numbers, and e-mail address
- Text providing sufficient detail for the Technical Papers Committee to perform a review.

The text should include a problem statement or introduction, an outline of the key points to be made in the paper, and conclusions or recommendations. Please e-mail your abstracts to: LAR2010Papers@navalengineers.org. All final papers/presentations will be submitted electronically.

Important Dates:

30 October 2009 - Abstracts due
30 November 2009 - Draft Papers due

For more information, go to www.navalengineers.org