

JOINT DINNER MEETING
SNAME SD-5 PANEL AND
INTERNATIONAL HYDROFOIL SOCIETY

Thursday, 11 March 2010
Army Navy Country Club, Arlington, VA

5:30 to 6:30 Cash Bar - 6:30 to 7:30 Dinner - 7:30 to 8:30 Program

**Deli Buffet: Hot Soup; Mix of Breads & Rolls; Sliced Beef, Ham & Turkey;
Cheeses; Pasta, Potato & Green Salads; Brownies & Cookies; Coffee & Tea**

Price: \$25.00

To pay by credit card, by 5 March, go to www.foils.org/meeting.htm

Make reservations by 12:00 Friday, 5 March 2010
with John Meyer at jr8meyer@comcast.net or Allen Ford at allenford@verizon.net

Please honor reservations. No-shows may be requested to cover costs incurred.

Hydrofoils
& Chesapeake Ferries

Mark Rice, President
Jeanne Torstenson, Naval Architect
Maritime Applied Physics Corp.



Non-traditional transportation solutions have been growing, driven by increasing energy costs and emissions constraints, and water transportation itself is increasingly seen as part of the solution to land transportation problems. A ship or ferry may offer a shorter direct route or relieve congested highways by means of parallel water routes.

New technologies receive much attention, but some that have been around awhile are particularly relevant now. The hydrofoil is a prime example. It can substantially reduce the power and fuel consumption to make a respectable speed and can be highly cost-effective.

Maritime Applied Physics Corporation has been developing new passenger hydrofoil designs and has also done the groundwork for some specific ferry routes on the Chesapeake Bay. They will present both their hydrofoil designs and their concepts for hydrofoil passenger services on the Chesapeake.

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Mark Rice is President of the Maritime Applied Physics Corporation, which designs and manufactures military systems and vehicles and also conducts R&D for DARPA, ONR, NAVSEA and several shipbuilders. He formed MAPC in 1986 after working at the Naval Ocean Systems Center, in Hawaii, and the Carderock Division of NSWC. He has a degree in physics from the University of Maine and is a licensed Professional Engineer.

Jeanne Torstenson has led design teams at MAPC involved with hydrofoils, HYSWAS ships, and sealift vessels. She has bachelor's and master's degrees from the Webb Institute of Naval Architecture and is a licensed Professional Engineer in naval architecture.