

## Air Layer on Superhydrophobic Surface for Frictional Drag Reduction

Peifer, Bradley C., University of California, Berkeley  
Callahan-Dudley, Christopher, University of California, Berkeley  
Makiharju, Simo A., University of California, Berkeley

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## Influence of Ship Speed and Heading Profiles on Fatigue Damage Accumulation for a Naval Vessel



Thompson, Ian, Defence Research and Development Canada, Atlantic Research Centre, Warship Performance, Dartmouth, Nova Scotia, Canada  
Ellis, Bryan E., Defence Research and Development Canada, Atlantic Research Centre, Warship Performance, Dartmouth, Nova Scotia, Canada

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## Experimental Study on Planing Motion of a Cylinder at Angle of Attack in the Cavity Formed behind an Axisymmetric Cavitator



Serebryakov, Vladimir V., Institute of Hydromechanics, National Academy of Sciences, Kiev  
Moroz, Vladimir V., Institute of Hydromechanics, National Academy of Sciences, Kiev  
Kochin, Viktor V., Institute of Hydromechanics, National Academy of Sciences, Kiev  
Dzielski, John E., Stevens Institute of Technology, Davidson Laboratory, Hoboken

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## Multi-fidelity Bayesian Optimization of SWATH Hull Forms



Bonfiglio, Luca, MIT Sea Grant, Cambridge  
Perdikaris, Paris, University of Pennsylvania, Philadelphia  
Brizzolara, Stefano, Virginia Tech, Blacksburg

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### Research on Simulation and Experiment of Ship Complex Diesel-Electric Hybrid Propulsion System



Xiao, Nengqi, China Three Gorges University, Yichang  
Xu, Xiang, China Three Gorges University, Yichang  
Chen, Baojia, China Three Gorges University, Yichang

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### Air Entrainment and Surface Fluctuations in a Turbulent Ship Hull Boundary Layer



Masnadi, Naeem, University of Maryland, College Park  
Erinin, Martin A., University of Maryland, College Park  
Washuta, Nathan, University of Maryland, College Park  
Nasiri, Farshad, The George Washington University  
Balaras, Elias, The George Washington University  
Duncan, James H., University of Maryland, College Park

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### Added Resistance and Speed Loss of a Ship Found Using Onboard Monitoring Data



Dalheim, Øyvind Øksnes, Norwegian University of Science and Technology (NTNU) /  
Rolls-Royce University Technology Centre Performance in a Seaway  
Steen, Sverre, Norwegian University of Science and Technology (NTNU) / Rolls-  
Royce University Technology Centre Performance in a Seaway

