



The International Hydrofoil Society (IHS) 2017 Mandles Prize for Hydrofoil Excellence

Announcement of Awards Congratulations to This Year's Winners!

Here are the final results:

First Prize (one at \$2,500 in total):

“An Experimentally Validated Dynamical Model of a Single-Track Hydrofoil Boat”

By: Johan Schonebaum and Gijsbert van Marrewijk

Technical University of Delft, Netherlands

Faculty Adviser: Professor A. L. Schwab

Honorable Mention Awards (maximum of two at \$1,000 each in total):

“An Investigation Into the Design of Surface Piercing Super Cavitating Hydrofoils”

By: Timothy Dutton

Massachusetts Institute of Technology, Cambridge, Massachusetts

Faculty Adviser: Professor Stefano Brizzolara

“Development of a Hydrofoiling Experimental Research Platform”

By: Annabel Vose, Asena Ayan, Fred Hayes, Tom Ballantine, Jamie Diamond, Sam Jones, and Jerome Carson

University of Southampton, United Kingdom

Faculty Adviser: Dr. Stephen Boyd

Here's the background on this year's competition:

Eight entries for the 2017 Mandles Prize were received, reflecting a wide range of hydrofoil-related technology. We assembled an outstanding panel of judges to review the entries, and they determined that this year's winners are from Technical University of Delft, Massachusetts Institute of Technology and the University of Southampton.

Our congratulations go to the many prominent schools of the previous (2014-2016) and 2017 Mandles Prize entrants. They include: Australian Maritime College, University of Tasmania; Cedarville University; Ecole Polytechnique Federale de Lausanne (EPFL), Switzerland; Florida Institute of Technology; Massachusetts Institute of Technology; Stevens Institute of Technology; Swiss Federal Institute of Technology; Technical University of Delft, Netherlands; Tolani Maritime Institute, India; University of Genoa, Italy; University of New Orleans; University of New South Wales, Australia; University of Southampton, United Kingdom; United States Naval Academy, Annapolis, Maryland; and Webb Institute, Glen Cove, New York.

The International Hydrofoil Society thanks every entrant for their interest in hydrofoil technology and for their excellent work. We wish you all the best in your professional careers and we sincerely hope that you will continue to participate in the activities of the IHS.

By virtue of applying for the 2017 IHS Mandles Prize, all students and their faculty advisers are now members of the International Hydrofoil Society. We invite them and anyone who is interested to volunteer for our not-for-profit efforts encouraging hydrofoil research, development and applications.

Now, with the 2017 IHS Mandles Prize in the record books, it's time to think ahead to the 2018 competition, the announcement for which will be posted on www.foils.org in November 2017. The sooner preparations begin, the greater the chance of submitting a winning entry. Good luck, and we look forward to welcoming all of you and those who follow in your footsteps next year.

Finally, we want to express our sincere appreciation to Martinn and Connie Mandles for their continuing support as the benefactors and namesakes of the IHS Mandles Prize.

Sincerely,

Ray Vellinga – President, International Hydrofoil Society
Mark Bebar – Vice President, International Hydrofoil Society