



The International Hydrofoil Society (IHS) 2020 Mandles Prize for Hydrofoil Excellence

Announcement of Awards Congratulations to This Year's Winner!

Final Results

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

- *“The Unmanned Foil”*

By: Axton Isaly, Andrew Ortega, Moses Divaker, Lucas Murphy, Ryan Earl,
Sebastian De Leon and Antonio Diaz
University of Florida – Gainesville, Florida
Faculty Adviser: Dr. Peter Ifju

Honorable Mention (two at \$1,000 each):

- *“Effect of Non-Linear Geometric Twist on Hydrodynamic Performance of Hydrofoils with Bell-Shaped Spanloads”*

By: Max Pierce and Thomas Zane Tinnell
Webb Institute – Glen Cove, New York
Faculty Adviser: Dr. Adrian Onas

- *“Dynamic Stability Analysis of a Hydrofoiling Craft Using Computational Fluid Dynamics”*

By: Alec Bague
Ghent University – Ghent, Belgium
Faculty Adviser: Professor Evert Lataire

Background on This Year's Competition

A good number of entries for the 2020 Mandles Prize were received, reflecting a range of hydrofoil-related technology. We assembled an outstanding panel of judges to review the entries, and they determined that this year's First Prize winning team is from the University of Florida. In addition, two Honorable Mention awards will be given this year, one to Webb Institute in Glen Cove, New York and one to Ghent University in Ghent Belgium. The papers will be posted on our website, www.foils.org, in the near future.

Our congratulations go to the many prominent schools of the previous (2014-2019) and 2020 Mandles Prize winners. 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; University of Florida, Ghent University, 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 all entrants for their interest in hydrofoil technology and for their excellent work. We wish you all the best in your professional careers and sincerely hope that you will continue to participate in the activities of the IHS.

By virtue of applying for the 2020 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 2020 IHS Mandles Prize in the record books, it's time to think ahead to the 2021 competition, the announcement for which will be posted on www.foils.org in September 2020. The sooner preparations begins, 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,

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