



HYDROGEN EDUCATION FOUNDATION

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Three Student Teams to Receive Hydrogen Contest Awards at Department of Energy Conference

Poster Showcase June 14 | Award Ceremony June 15

June 1, 2018 – WASHINGTON – Today, the Hydrogen Education Foundation (HEF) announced that the top three teams for the 2017-2018 HEF Hydrogen Student Design Contest will be unveiled at the U.S. Department of Energy Hydrogen and Fuel Cells Program 2018 Annual Merit Review and Peer Evaluation Meeting on June 13-15 in Washington D.C. The three winning teams will provide poster presentations on Thursday, June 14 at the Hydrogen Production and Delivery Session at 6:30 PM. On Friday, June 15, the Grand Prize winner will present during the H2@Scale and Technology Acceleration Session from 12:30 PM to 1:00 PM ET.

The theme for the 2017-2018 Hydrogen Student Design Contest is “Designing a Power-to-Gas System” Power-to-gas is a flexible form of green energy storage. The technology allows to increase renewable electricity generation without the need for costly grid upgrades. It converts electricity to a gas fuel, easily stored and ready to be used in a variety of energy uses, including grid management, transportation fuels, and renewable chemical production.

“This year, 34 teams from Africa, Asia, Europe, North America and South America designed unique power-to-gas systems, teaching them about real world applications for hydrogen energy and their ability to integrate multiple renewable technologies,” said Jeff Serfass, President of the Hydrogen Education Foundation. “We thank the Department of Energy for providing the venue for these bright students to present their contest designs to industry leaders, government officials and academics.”

The Contest challenged student teams to design a power-to-gas system, choose a site to build the design, engage their local electric and gas utility, coordinate with regulatory bodies and safety experts, and create educational materials. The designs and materials are available on the website of the HEF www.hydrogencontest.org, the videos of the designs can be found on HEF’s Facebook page: www.facebook.com/pg/Hydrogen.Education.Foundation/videos.

Of the 34 registered teams, 15 submitted design abstracts and 11 teams provided a final submission. The finalists are:

- California State University, Los Angeles
- Oregon State University, Cascades
- Stevens Institute of Technology, New Jersey
- Universidad de Ingeniería y Tecnología (Team 1), Peru

- Universidad de Ingeniería y Tecnología (Team 2), Peru
- University of Highlands and Islands, Scotland
- University of Ontario
- University of Toronto
- University of Waterloo
- Washington State University
- West Texas A&M University

The abstracts and final submissions were evaluated by a multi-perspective panel of judges from the hydrogen and fuel cell industry, gas utility companies, and the National Renewable Energy Laboratory.

HEF welcomes all attendees of the AMR to attend the poster session on June 14 and the Award Ceremony on June 15.

The 2017-2018 HEF Student Design Contest would not have been possible without the financial contributions of its sponsors, Southern California Gas Company, Air Liquide, and Hydrogenics.

About the Hydrogen Education Foundation

The Hydrogen Education Foundation, a 501(c)(3) organization, promotes clean hydrogen energy technologies through innovative national competitions and educational programs to encourage environmental stewardship, improve energy security, and create green jobs.

www.HydrogenEducationFoundation.org

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