



Press Release

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AHS International Announces 2017 Lichten Award Winners
Selected for technical excellence from first-time technical paper presenters

Fairfax, Virginia, April 13, 2017 — AHS International, *The Vertical Flight Technical Society*, today announced the winners of its prestigious Robert L. Lichten technical award. The overall winner and the runner-up will be recognized at the Grand Awards Banquet on Wednesday, May 10, 2017, during AHS International's 73rd Annual Forum & Technology Display in Fort Worth, Texas, USA.

Carolyn Walther of Texas A&M University was selected as the overall Lichten Winner. Her winning paper, "Experimental and Computational Studies to Understand Unsteady Aerodynamics of Cycloidal Rotors in Hover at Ultra-low Reynolds Numbers," will be presented on Thursday afternoon, May 11, during the Aerodynamics IV session. Walther was also the winner of the AHS Southwest US Region.

Garrett Argenna of Sikorsky Aircraft, a Lockheed Martin Company, was selected as the overall Lichten Runner-up for his paper, "Development and Application of Hybrid System for Continuous Monitoring of Aircraft Gross Weight." Garrett will present his paper at Forum 73 on Thursday morning, May 11, during the HUMS/CBM I session. Argenna was also the AHS Northeast US Region winner.

The other regional winners, who were finalists for the international competition, were as follows:

Khider Al-Jaburi, Carleton University, was the winner of The Americas Region with the paper, "Passive Flow Control of Dynamic Stall via Surface-based Trapped Vortex Generators." This paper will be presented at Forum 73 during the Aerodynamics III session on May 11.

Adam Mohamed, the CTO of **Asylon**, was the Mideast US Region winner for his paper, "The 'Elephant' in the Air — Solving Short Flight Times of Electric VTOL Systems."

Andrew Gallaher was the Western US Region winner for his paper, "Method for Estimating Inertial Properties of Rotorcraft in Conceptual Design." This paper will be presented at Forum 73 during the Aircraft Design II session on May 10.

The Robert L. Lichten Award was established in 1976 to encourage AHS members who have not previously presented the results of their work at a technical meeting to begin to do so through

presentations at local and regional AHS meetings. Each of the 10 AHS regions around the world is eligible to select a regional winner, from which an overall winner and runner up are selected. The overall Lichten Award Winner presents his/her technical paper at the Forum and receives complimentary travel to and lodging at the Forum, as well as a \$500 honorarium.

The Lichten award honors the memory of Robert L. Lichten, an outstanding rotary wing engineer and 22nd President of AHS. Lichten was a skilled and dedicated innovator who spent much of his career championing early tiltwing and tiltrotor concepts. He was considered the “Pioneer of Tilt Rotor Technology” for his work at Bell Helicopter, where he became the director of advance technology.

More information about AHS International’s 73rd Annual Forum & Technology Display is available at www.vtol.org/forum.

Founded as the American Helicopter Society in 1943, AHS International is the global resource for information on vertical flight technology. The Society advocates, promotes and supports global vertical flight technology and professional development.

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