AIAA TO PRESENT TECHNICAL AWARDS AT JUNE CONFERENCE IN HONOLULU
Achievements Honored in Fluid Dynamics, Ground Testing, Aerodynamics and More


- **Dr. Hans Hornung**, Clarence L. Johnson Professor of Aeronautics, California Institute of Technology, Pasadena, Calif., will receive the **2011 AIAA Fluid Dynamics Award**. The award is presented for meritorious achievement in the field of applied aerodynamics, recognizing notable contributions in the development, application, and evaluation of aerodynamic concepts and methods. Dr. Hornung will be recognized for numerous important theoretical and experimental contributions related to the transition between normal and Mach reflections and nonequilibrium boundary layer transition.

- **Dr. Michael S. Holden**, vice president, hypersonics, CRUBC, Buffalo, N.Y., will receive the **2011 AIAA Ground Testing Award**. The award is presented for outstanding achievement in the development or effective utilization of technology, procedures, facilities, or modeling techniques for flight simulation, space simulation, propulsion testing, aerodynamic testing, or other ground testing associated with aeronautics and astronautics. Dr. Holden will be recognized for unique contributions in the development and construction of hypervelocity ground test facilities and their application to experimental research over a wide range of problems in hypersonic flow.

- **Dr. Chul Park**, professor, Department of Aerospace Engineering, Korea Advanced Institute of Science and Technology, Daejeon, South Korea, will receive the **2011 AIAA Plasmadynamics and Lasers Award**. The award is presented for outstanding contributions to the understanding of the physical properties and dynamical behavior of matter in the plasma state and lasers as related to need in aeronautics and astronautics. Dr. Park will be recognized for his distinguished career in the science of plasmadynamics to enhance understanding of plasma around atmospheric entry vehicles through development of novel experiments and of fundamental theoretical models.

- **Preston A. Henne**, senior vice president, Programs Engineering & Test, Gulfstream Aerospace Corp, Savannah, Ga., will receive the **2011 AIAA Aerodynamics Award**. The award is presented for meritorious achievement in the field of applied aerodynamics, recognizing notable contributions in the development, application and evaluation of aerodynamic concepts and methods. Henne will be recognized for his outstanding leadership in the aerodynamic field of low boom supersonic research.

- **Dr. Ramesh Agarwal**, William Palm Professor, Washington University, St. Louis, Mo., will receive the **2011 AIAA Thermophysics Award**. The award is presented for an outstanding singular or sustained technical or scientific contribution by an individual in thermophysics, specifically as related to the study and application of properties and mechanisms involved in thermal energy transfer and the study of environmental effects on such properties and mechanisms. Dr. Agarwal will be recognized for fundamental and applied contributions to hypersonic aerodynamics through development of industrial grade Navier-Stokes, Burnett and Boltzmann Codes for chemically reacting and rarified flows, and for impact on the design of real-world aerospace vehicles.

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Additionally, two AIAA Sustained Services Awards will be presented during the luncheon to: John C. Lin, research aerospace engineer, NASA Langley Research Center, Hampton, Va., and Aaron Altman, associate professor, University of Dayton, Dayton, Ohio, each of whom will receive a certificate of citation and a lapel pin recognizing their sustained and significant service and contributions to AIAA.

For more on the AIAA Honors and Awards program, please contact Carol Stewart at carols@aiaa.org or 703.264.7623

AIAA is the world’s largest technical society dedicated to the global aerospace profession. With more than 35,000 individual members worldwide, and 90 corporate members, AIAA brings together industry, academia, and government to advance engineering and science in aviation, space, and defense. For more information, visit www.aiaa.org.

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