



AIAA FOUNDATION ANNOUNCES WINNERS OF 2010–2011 UNDERGRADUATE TEAM SPACE DESIGN COMPETITION

August 29, 2011 – Reston, Va. – The American Institute of Aeronautics and Astronautics Foundation (AIAA) is pleased to announce that team “Sayonara Space Systems” from the University of Illinois at Urbana-Champaign, Urbana-Champaign, Ill., has won the first prize in the AIAA Foundation’s annual Undergraduate Team Space Design Competition.

The 2010–2011 contest required competing teams to design a spacecraft capable of removing large-sized debris from orbit around the Earth at an altitude between 540 and 600 miles, and at an inclination between 82 and 83 degrees. Spacecraft were required to feature a robotic arm, capable of placing “deorbiting packs” on individual pieces of debris.

Teams winning awards were:

First Prize: “**Team Sayonara Space Systems,**” **University of Illinois,** Urbana-Champaign, Ill., for their design “ADIOS: Agile Debris-in Orbit Solution.” Gregory Elliott, faculty advisor; Soon-Jo Chung, project advisor; and team members Devin Bergman, Jason Goerlich, Christopher Habib, Jason Hewkin, Philip Hornstein, and Coralie Jackman. The team will receive an award of \$2,500 from the AIAA Foundation.

Second Prize: “**Team Zodiac,**” **The Georgia Institute of Technology,** Atlanta, Ga., for their design “ZODIAC: Zero-range Orbital Debris Inspection and Cleanup.” Prof. David Spencer, faculty adviser; Dr. Carlee Bishop, project advisor; and team members Eliot Bignell, Luis I. Reyes Castro, Azariah R. Cornish, Eric James Douglass, Caroline Hilton, Emre Tezcan, and Han Zhang. The team will receive an award of \$1,500 from the AIAA Foundation.

Third Prize: “**Team PACSat,**” **The Georgia Institute of Technology,** Atlanta, Ga., for their design “PACSat: Projectile Assessment and Capture Satellite.” Prof. David Spencer, faculty advisor; Dr. Carlee Bishop, project advisor; and team members Marco Gomez, Michael Hill, Matt Lee, M. Garrett Sisk, Alexandra Stavros, Eric Stuber, and Conner Volpe. The team will receive an award of \$1,000 from the AIAA Foundation.

For more information on the AIAA Foundation Undergraduate Team Space Design Competition, please contact Rachel Andino at 703.264.7535 or rachela@aiaa.org.

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The AIAA Foundation seeks to “make it exciting, make it empowering, and make it fun.” That simple, compelling philosophy drives the Foundation’s commitment to math, science, and technology education. The AIAA Foundation offers a wealth of resources to support educators from K–12 through university: scholarships, classroom grants, design competitions, and student conferences, improving scientific literacy and advancing the arts and sciences of aerospace. For more information on the AIAA Foundation and its programs for students, teachers, and professionals, please visit www.aiaafoundation.org.

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.