

Lockheed Martin Directed Energy Leader Receives Purdue's Outstanding Aerospace Engineer Award

SUNNYVALE, Calif., Oct. 24, 2011 /PRNewswire/ -- Paul Shattuck, Lockheed Martin Space Systems Company's director for directed energy systems, received a 2011 Outstanding Aerospace Engineer (OAE) Award from Purdue University's School of Aeronautics and Astronautics at a ceremony in West Lafayette, Ind., Oct. 21.

"The members of the faculty are very proud of Paul's accomplishments," said Tom I-P. Shih, professor and head of the school. "He is a positive role model for our students, and among an elite group. The 149 OAEs awarded to date represent less than 1 percent of the school's alumni." The school established the award in 1999 to honor alumni for their demonstrated excellence in industry, academia, government service or other endeavors that reflect the value of an aerospace degree.

"Paul has been a pioneer in demonstrating the military utility of high energy lasers," said Doug Graham, vice president of advanced programs, Lockheed Martin Space Systems. "We are very proud that he has received this well-deserved recognition from Purdue University for his many accomplishments."

Shattuck leads Lockheed Martin's pioneering work in directed energy systems to create unsurpassed capabilities for war fighters in strategic and tactical applications, including missile defense and aircraft self defense. He oversees programs involving adaptive and electro-optical beam control/fire control systems, illuminator lasers and fiber lasers, and integration of complex weapons systems on a variety of platforms.

"I am grateful for the engineering foundation that I received while an undergraduate student at Purdue," said Shattuck. "The disciplined approaches to problem solving and technical background in control systems and applied math have served me well in each and every endeavor that I've been involved in during my career. It's been a rewarding journey."

Shattuck has more than 35 years of experience in space, launch, airborne and ground systems ranging from planning through systems engineering and integration through design and delivery. He has technical expertise in telerobotics, mission analysis, flight software, precision pointing and control and other advanced technologies. He has led teams working on Titan launch vehicles and upper stage rockets, remotely operated robots for the International Space Station, various satellite programs and high energy laser beam control systems.

Shattuck received his bachelor's of science degree in aeronautical and astronautical engineering from Purdue University and a master's of science in aerospace engineering from the University of Colorado, Boulder. He has two acquisition management degrees from the Defense Systems Management College. He is an associate fellow of the American Institute of Aeronautics and Astronautics. Shattuck also has authored papers on beam control, guidance and controls, controls and structures interactions, automation and robotics, modeling and simulation, beam control, tracking and pointing, and integration and test of directed energy systems.

Headquartered in Bethesda, Md., Lockheed Martin (NYSE: LMT) is a global security company that employs about 126,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. The Corporation's 2010 sales from continuing operations were \$45.8 billion.

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