

### ABSTRACT AND BIOGRAPHY

#### **Case in Cooperation: Applying Lessons from CALIPSO**

Goddard and Langley encountered a difficult time working through the confusion of the CALIPSO mission (previous case study at PM Challenge). Now the two centers are being asked to collaborate again and they are both determined to learn the lessons of CALIPSO and make this partnership work. This is an interactive discussion of how the centers went about bringing their people together to try to avoid the mistakes and leverage the success of previous joint experiences—particularly CALIPSO. Participants will benefit from seeing how difficult and sensitive lessons can be applied when learning is taken seriously at the top—something both Centers have done.

#### **Edward Rogers**

*Chief Knowledge Officer*  
NASA Goddard Space Flight Center

Dr. Edward Rogers is currently the Chief Knowledge Officer at the NASA Goddard Space Flight Center in Greenbelt Maryland. Edward joined NASA in May 2003 as the Center's Chief Knowledge Architect working first in the Safety and Mission Assurance Directorate and then in the Office of Mission Success. He became the Chief Knowledge Officer for the Center in 2006. His programs and initiatives have been embraced not only at Goddard but also within the Agency. He introduced the popular yet simple Pause and Learn (PaL) process, developed a highly effective case study methodology, designed (and runs) the Goddard Road to Mission Success workshop series and promotes knowledge sharing and collaboration across the Center.

Edward received a B.S. in Agronomy from the Ohio State University, a Master's in International Business from the University of South Carolina and a Ph.D. from Cornell's School of Industrial and Labor Relations. The son of a physicist, he grew up in Saudi Arabia, attended boarding school in India and in the 1980s he and his wife performed five years of international relief work in Southern Lebanon. He continues to write and speak about how organizations can foster transparent learning to leverage collective intelligence.

#### **Rob Strain**

*Center Director*  
NASA Goddard Space Flight Center

Rob Strain is the Center Director for Goddard Space Flight Center. Strain assumed his post on Aug. 4, 2008. Prior to joining NASA, Strain was the head of the Space Department at the Johns Hopkins University Applied Physics Lab in Laurel, Md.

During his tenure as head of the Space Department at APL, Strain oversaw the launch of a number of important scientific satellites including New Horizons, Messenger and STEREO. While at APL, he was also responsible for the national security business area which made many significant contributions to the Department of Defense and other U.S. agencies.

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Strain joined APL in 2004 as assistant Space Department head for operations. The following year, he was named associate department head and then became the department's managing executive.

He has more than 25 years of experience in the aerospace business, including executive positions at Orbital Sciences, where he led the company's Satellite and Electronic Sensors Divisions; and Fairchild Space and Defense Company, for which he served as chief financial officer and various other operational roles.

#### **Lesla B. Roe**

*Director*

NASA Langley Research Center

Lesla B. Roe is Director of NASA's Langley Research Center. Roe is the senior management official of the laboratory employing approximately 2,100 civil service personnel. She is responsible for the center's aeronautical and space research programs, as well as facilities, personnel and administration.

Roe served as the Langley Deputy Director from June 2004 until being named Director in October 2005. In this position, she helped plan, organize and direct Center and inter-center activities to advance research significant to national aerospace objectives.

Roe served as Langley associate director for business management from August 2003 until being named deputy director. She has more than 20 years experience in engineering, technical and managerial positions, working for both government and private industry. Her background includes two years in NASA center leadership, four years International Space Station program management, nine years experience in technical management and project engineering and five years experience in radio frequency communications test and payload systems engineering. Roe started her engineering career performing satellite communications analysis for Hughes Space and Communications in El Segundo, Calif. She began her NASA career at Kennedy Space Center, Fla., in 1987 as a radio frequency communications engineer in the Space Shuttle Engineering Directorate. She also managed the International Space Station Payloads Office at Johnson Space Center in Houston.

She holds a bachelor's degree in electrical engineering from the University of Florida at Gainesville and a master's degree in electrical engineering from the University of Central Florida in Orlando.