



STAR Seminar

Title:	EO-1/Hyperion Calibration and Contributions to the Operational Calibration of Radiometers in the Visible and Near-infrared
Speaker:	Dr. Stephen Ungar , NASA Emeritus of NASA Goddard Space Flight Center, Former EO-1 Mission Scientist and Chair of CEOS Working Group on Calibration and Validation
Date, Time & Location:	Wednesday, Nov. 18, 2009 10:00 – 11:30 a.m. Room 209 , World Weather Building
Abstract:	The Hyperion on NASA's EO-1 satellite launched in 2000 is among the few Earth-observing hyperspectral instruments in the 400-2500nm spectral range with a 30 meter spatial resolution. In addition to its wide ranging applications in mining, geology, forestry, agriculture, and environmental management, Hyperion measurements are especially useful for characterizing vicarious calibration sites to resolve spectral related calibration issues. This seminar will introduce the calibration of the Hyperion instrument using both onboard devices and lunar observations, and the instrument performance since launch. Its applications to the vicarious site characterization such as the Dome C and Desert sites, as well as the benefits to NOAA operational instruments will be discussed.
Dial-in Information:	USA 866-832-9297 International 203-566-7610 Passcode 6070416 For those dialing in, slides will be available at http://www.star.nesdis.noaa.gov/star/seminars.php
Contact:	Changyong Cao, 301-763-8316 x 196 or Jerry Zhan, 301-763-8042 x 148