

GUEST LECTURES
IN THE
**Geodetic and Geoinformation
Sciences**

*Dept. of Civil & Environmental Engineering and Geodetic Science
presents*

Dr. Obed Scott Sands

*Communications System Analyst
NASA Glenn Research Center*

**Crewmember Navigation
for
Lunar Exploration**

Tuesday November 24, 2009

1:45 – 2:30 pm

410 Hitchcock Hall

Dr. Obed (Scott) Sands conducts system-level research over a wide range of technologies including navigation, communications, and audio. Currently he is leading efforts to develop a navigation system for Extra Vehicular Activity (EVA) crewmembers on the Lunar surface for the Exploration Development Mission Directorate (ESMD). Previously at NASA he performed system analysis in support of agency architecture for communications and navigation. Prior to working at NASA, Scott worked in pattern recognition, sonar and radar systems. Dr. Sands is an alumnus of Ohio State.