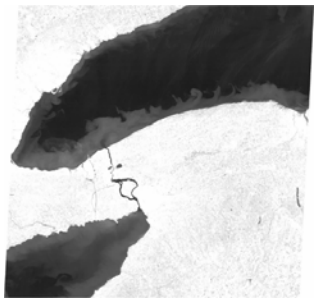
The IEEE Geoscience and Remote Sensing Society Western New York Chapter and the American Society for Photogrammetry and Remote Sensing Central New York Region

present a technical seminar

Landsat Remote Sensing Research at RIT

Prof. John R. Schott
Digital Imaging and Remote Sensing Laboratory
Chester F. Carlson Center for Imaging Science
Rochester Institute of Technology



Thursday, September 20, 2007
Pizza and soda provided at 5:30 pm
Meeting and Presentation at 6 pm

Carlson Auditorium (Room 1125)
Chester F. Carlson Center for Imaging Science (Building 76)
Rochester Institute of Technology

The Digital Imaging and Remote Sensing Laboratory at RIT has several ongoing projects involving the U.S. Landsat land remote sensing satellite program. This presentation will describe activities at RIT related to

- thermal infrared calibration of Landsat 5 TM and Landsat 7 ETM+,
- use of invariant land surface sites for long term radiometric calibration of Landsat sensors, and
- potential use of the upcoming Landsat Data Continuity Mission (LDCM - the follow-on to Landsat 7) for water resource assessment.

Prof. Schott is the Frederick and Anna B. Wiedman Professor and Head of the Digital Imaging and Remote Sensing Laboratory in the Chester F. Carlson Center for Imaging Science at the Rochester Institute of Technology. Prof. Schott received a BS in Physics from Canisius College, an MS in Environmental Engineering from Syracuse University and the PhD in Environmental Science (Remote Sensing) also from Syracuse University. He is the author of the widely-used remote sensing text *Remote Sensing: the Image Chain Approach*, with a 2nd edition published in 2007. Prof. Schott is a member of the Landsat Science Team and serves on numerous science advisory boards on topics related to remote sensing of the earth.

A no-host dinner with the speaker at a local restaurant will follow the presentation.