



Henry E. Revercomb Symposium

A Special Symposium
to Honor the Distinguished Career
of Hank Revercomb

Fluno Center
University of Wisconsin-Madison
July 23-24, 2018

Henry E. Revercomb Symposium

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Monday, July 23, 2018

- 1:00 p.m.

Welcome and introductions
Fred A. Best
Distinguished Instrumentation Innovator, SSEC, University of Wisconsin-Madison
- 1:15 p.m.

Technical Connections
Henry E. Revercomb
Senior Scientist Emeritus and former Director, SSEC, University of Wisconsin-Madison
- 2:00 p.m.

H.E. Revercomb: The Evolution of the Infrared Hyperspectral Remote Sensing Technique
William L. Smith
Senior Scientist Emeritus and Professor Emeritus, SSEC and Department of Atmospheric and Oceanic Sciences, University of Wisconsin-Madison
- 2:30 p.m.

Short Readings
- 3:00 p.m.

Break
- 3:30 p.m.

Recollection of Hank’s Early Work on Planetary Exploration (prerecorded presentation)
Lawrence A. Sromovsky
Senior Scientist Emeritus, SSEC, University of Wisconsin-Madison
- 4:00 p.m.

The Early Years: Traveling with Hank
Daniel LaPorte
Researcher Emeritus, SSEC, University of Wisconsin-Madison and Santa Barbara Research Center
- 4:30 p.m.

H.E. Revercomb: The Solution to a Problem
Robert O. Knuteson
Senior Scientist, SSEC, University of Wisconsin-Madison
- 5:00 p.m.

Sessions End for the Day
- 6:30 p.m.

Speakers Dinner
University Club
803 State Street

Tuesday, July 24, 2018

- 9:00 a.m.

HIS, Scanning HIS, LBRTM: Working with Hank and SSEC
Tony Clough
Retired, Atmospheric and Environmental Research, Inc.
- 9:30 a.m.

The Amazing Range of AERI-Related Science
David D. Turner
Meteorologist, Earth System Research Laboratory, Global Systems Division, NOAA

- 10:00 a.m.

Remote Sounding Around the World
Jonathan Gero
Associate Researcher, SSEC, University of Wisconsin-Madison
- 10:30 a.m.

Break
- 11:00 a.m.

Observations of Upper Tropospheric Humidity from Geostationary Satellites: From Meteosat WV Images to Hyperspectral Radiances
Johannes Schmetz
Chief Scientist Emeritus, EUMETSAT
- 11:30 a.m.

Hank Revercomb’s Contribution to Hyperspectral IR Sounding from Space: A NASA AIRS Project Perspective
Thomas S. Pagano
Project Manager, Jet Propulsion Laboratory, California Institute of Technology
- 12:00 p.m.

The Amazing Story of the CrIS Sounder
Henry Buijs
Chief Technical Officer, ABB Canada
- 12:30 p.m.

Lunch
- 2:00 p.m.

Generating Sounder Radiances and Products at Imager Resolution
W. Paul Menzel
Senior Scientist, SSEC, University of Wisconsin-Madison
- 2:30 p.m.

Applications of Hyperspectral Infrared Sounders: Current Status and Challenges
Jun Li
Senior Scientist, SSEC, University of Wisconsin-Madison
- 3:00 p.m.

Break
- 3:30 p.m.

The IR Absolute Radiance Interferometer (ARI) Prototype for CLARREO: Overview and Performance (Part 1)
Joseph K. Taylor
Researcher, SSEC, University of Wisconsin-Madison
- 4:00 p.m.

The IR Absolute Radiance Interferometer (ARI) Prototype for CLARREO: Overview and Performance (Part 2)
Fred A. Best
Distinguished Instrumentation Innovator, SSEC, University of Wisconsin-Madison
- 4:30 p.m.

Reflections on Adventures and Collaborations with Hank Revercomb
David C. Tobin
Senior Scientist, SSEC, University of Wisconsin-Madison
- 5:00 p.m.

Sessions End for the Day
- 6:30 p.m.

Banquet
Fluno Center
601 University Avenue



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