



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

A Special Symposium to Honor the Distinguished Career of Hank Revercomb

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

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, LBRM: 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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