

1991 CEDAR Meeting Agenda - June 17-21
Sponsored by NSF, HAO/NCAR, and U of CO

Monday, June 17, 1991 - NIST Auditorium

- 8:30-8:45 Welcome at NIST;
Chet Gardner, CEDAR; Peter Gilman, NCAR; Ray Roble, HAO
- 8:45-9:45 Introductions; CEDAR post doc John Sahr; students
- 9:45-10:15 BREAK
- 10:15-10:45 The International Solar Terrestrial Physics Program (ISTP),
Stephen Curtis, NASA / Goddard
- 10:45-11:15 The Solar Terrestrial Energy Program (STEP)
Vince Wickwar, Utah State
- 11:15-11:25 AIDA Campaigns - Colin Hines, Arecibo Observatory
- 11:25-12:10 CEDAR issues (budgets, awards, etc)
Rich Behnke/Fred Roesler/Chet Gardner
- 12:10-12:30 CEDAR Data Base update - Barbara Emery/John Holt
- 12:30-~2:30* LUNCH (at NCAR or in vicinity of NIST)
- 2:00-5:00 Lidar Short Course - NIST auditorium
Russ Philbrick, Penn State
- ~2:00*-5:30 Workshops at NCAR
- ~3:30-3:45 BREAK

Tuesday, June 18, 1991 - NIST Auditorium

21st Century Research Challenges in Observational Atmospheric Sciences

- 8:30-9:00 Introduction - Chet Gardner (U of IL)
- 9:00-10:00 Tutorial 1 - Atmospheric Dynamics
David Fritts, University of Alaska
- 10:00-10:20 BREAK
- 10:20-11:20 Tutorial 2 - Atmospheric Chemistry
Guy Brasseur, NCAR/ACD
- 11:20-12:05 Observational Capabilities of a Giant Optical Observatory
Chet Gardner, University of Illinois
- 12:05-~2:00* LUNCH (at NCAR or in vicinity of NIST)
- 2:00-5:00 Airglow Instruments Short Course - NIST auditorium
Roger Smith, University of Alaska
- ~1:30*-5:30 Workshops at NCAR and at NIST
- ~3:30-3:45 BREAK
- 6:00-8:00 RECEPTION/BUFFET at NCAR

Wednesday, June 19, 1991 - NIST Auditorium

8:30-9:30 **Tutorial 3 - Physics of Auroral Arcs**
Gerhard Haerendel, Max-Planck Institut, Garching

9:30-10:30 Poster previews (1 min 45 sec or 2 figures)

10:30-10:45 **BREAK**

10:45-12:30 Poster session at NIST

12:30-~2:00* **LUNCH at NCAR**

~1:15*-5:30 **Workshops at NCAR**

~3:30-3:45 **BREAK**

Thursday, June 20, 1991 - NIST Auditorium

The Polar Cap Observatory

8:30-8:45 **Overview - Mike Kelley (Cornell)/Rich Behnke (NSF)**

8:45-9:45 **Tutorial 4 - High Latitude Convection**
Rod Heelis, University of Texas at Dallas

9:45-10:15 **CEDAR Prize Lecture - Craig Heinselman, SRI International**
"Sondrestrom MUSCOX - Capabilities and New Results"

10:15-10:35 **BREAK**

10:35-11:35 **Awards for CEDAR Polar Cap Observatory Design Considerations**
Mike Mendillo (Boston U) - **Imaging Science Components**
Rick Niecejewski (U of MI) - **Fabry-Perot and Spectroscopy**
John Holt (MIT/Haystack) - **Computer and Data Acquisition**
John Kelly (SRI Intl) - **Preview of the Radar Design Study**

11:35-12:00 **Opportunities for Lidar Diagnostics in the Polar Upper Atmosphere**
John Meriwether (Phillips Lab)

12:00-12:25 **CEDAR Related Activity in the Canadian Network for Space Research**
David Steele (University of Calgary)

12:30-~2:00* **LUNCH at NCAR**

~1:45*-5:30 **Workshops at NCAR**

~3:30-3:45 **BREAK**

Friday, June 21, 1991 - NCAR

8:30-12:30 **Workshops at NCAR**

~10:30-10:45 **BREAK**

12:30 **Adjourn**

(~*) **NOTE - Workshops start at different times!**