



**RECUV and CET Spring 2008  
Open House and Science Symposium  
Monday, April 14, 2008**

**Bechtel Laboratory**

Discovery Learning Center, University of Colorado Boulder

- 8:00 – 10:00 RECUV Sponsors Advisory Board  
CET Staff Planning Meeting
- 10:00 – 10:20 Argrow, Gasiewski: Overview of CET and RECUV
- 10:20 – 10:40 Ed. R. Westwater: Atmospheric Profiling in MMW and SMMW Bands
- 10:40 – 11:00 Eric McIntyre: Soil Moisture Mapping and RFI Mitigation Techniques
- 11:00 – 11:20 Dean Smith: Surface Emission Modeling for Passive Remote Sensing of Ocean Winds
- 11:20 – 11:40 Nikolay Zobotin: Ionospheric Sounding Techniques
- 11:40 – 12:00 Al Gasiewski: Assimilation of Simulated Geostationary Microwave Data into Numerical Weather Prediction Models
- 12:00 – 13:00 Lunch
- 13:00 – 13:20 Tim Brown: Delay tolerant networking for UAS communication
- 13:20 – 13:40 Matt Edwards: Error Analysis of an Airborne Laser Profiling System for Arctic Freeboard Sea Ice
- 13:40 – 14:00 Dale Lawrence: Sensor Flocks Using Autonomous Micro Aerial Vehicles
- 14:00 – 14:20 Eric Frew: Planning and Control for Multi-Vehicle Networks in Realistic Communication Environments
- 14:20 – 14:40 Pao/ Murphey: Target Tracking with Mixed Measurements
- 14:40 – 15:20 Coffee Break
- 15:20 – 15:40 Jim Maslanik: Polar Climate and Cryosphere Applications
- 15:40 – 16:00 Brian Argrow: UAS Design and Airspace Integration Issues
- 14:00 – 17:00 Posters/Lab Tours