ACE Team Meeting  
Monday, 18 February 2008  
Space Sciences Laboratory, UC Berkeley

9:00 Call to Order / Opening Remarks  
Stone  
Local Announcements  
Luhmann  
Action Items from the Last Meeting  
Mewaldt  
NASA Headquarters Report  
Christian  
Senior Review Proposal Status  
Mewaldt / Stone  
ACE Science Center and Flight Ops Reports  
Davis  
E&PO Report  
von Rosenvinge  
Spacecraft Housekeeping Update  
von Rosenvinge

10:30 Break

11:00 Science Topics (~15 minutes each)

- Roll-over of Suprathermal Power Law Tails Observed on ACE  
  Gloeckler
- Suprathermal Composition and Energy Spectra, 1998-2007  
  Mewaldt
- Testing the Fisk & Gloeckler Spectral Form in CIRs  
  Mason
- A Survey of SEP events with 20 MeV Protons  
  Cohen
- Selected SEP Topics  
  von Rosenvinge
- Recent Work: Turbulence, Shocks, Space Weather, and Particle 
  Acceleration  
  Smith

12:30 Lunch

13:15 Science Topics (cont.)

- The Solar Wind as a Reconnection Laboratory  
  Gosling
- Elemental Composition and Energy Spectra of GCRs During Solar 
  Minimum and Maximum  
  Lave
- Evolution of the Energy Spectra of Anomalous Cosmic Rays at 1 AU 
  and the Radial and Latitudinal Gradients of ACR O in the Inner 
  Heliosphere  
  Cummings
- Time Dependent GCR Modulation  
  Li
- Correlative Study on Solar/Interplanetary Events using ACE and 
  MESSENGER  
  Ho
- The Spatial Distribution of Upstream Ion Events from the Earth’s Bow 
  Shock Measured by ACE, Wind, and STEREO  
  Desai
- Evidence for Mass-per-Charge Dependent Acceleration of a Multiple-
  Component Seed Population by CME-Driven Interplanetary Shocks 
  near 1 AU  
  Desai

15:00 Break

15:30 Science Topics (cont.)

- The Solar Origin of $^3$He-rich SEP Events  
  Nitta
- Ionic Charge States in Large SEP Events—An Update  
  Mewaldt
- Acceleration and Transport Modelling of SEP Charge States in Impul-
  sive Events: Progress Report  
  Klecker
- Definitional Issues in Dropouts  
  Chollet
- A Model for the Origin of Long-Duration $^3$He-rich Periods  
  Mason
- Solar Cycle Variation of $^3$He in the Local Interplanetary Medium 
  Wiedenbeck
- Spectral variations of the Suprathermal Population during the Quiet 
  Times of Solar Cycle 23  
  Al-Dayeh

17:15 Schedule Next Meeting

17:25 Review of Action Items

~17:30 Adjourn