

**ACE Team Meeting
Monday, October 11, 2004
2nd Floor, Winnett Hall
Caltech**

830	Call to Order/Opening Remarks Local announcements	Stone Mewaldt
	Open items from the last ACE SWT	Mewaldt
	Remarks from Headquarters	Holmes/Christian
	Flight Operations Reports	
	ACE S/C and operations status - Recent wobble-wobble anomaly	Sodano
	ACE SEZ crossing performance, Blow-down & hydrazine status	Lakin
	ACE automation implementation status	Fattig
	Real-Time Solar Wind report, including MAG data update	Zwickl
1000	Break	
1020	ASC Report	Davis
	Update on archiving at NSSDC	Cooper
	Update on ACE temperatures	deNolfo, von Rosenvinge
	<u>Science Reports</u>	
	Evidence for magnetic reconnection in the solar wind near 1 AU	Skoug
	CMEs near the Sun	Zurbuchen
	An ICME interacting with a high-speed stream	Elliott
	Dissipation range spectra in magnetic clouds	Smith
1145	Lunch	
1245	Results from test of S3DPU engineering mode	Moebius, Popecki
	Update on SWIMS status	Zurbuchen
1300	<u>Science Reports</u>	
	Origin of the coronal hole boundary layer	Schwadron, McComas, Elliott, Gloeckler, Geiss
	Structure functions and solar wind heating	Smith
	Inner Source: He ⁺ , other elements and molecules	Gloeckler
	90 degree pitch angle suprathermal electron depletions	Skoug
	Statistics of large magnetospheric storm events	Smith
	ACE transit of the Earth's magnetosphere	Smith
	Solar electron bursts	Skoug
	Fine structure of coronal type III bursts associated with EPAM electron beams	Haggerty and Roelof
1500	Break	
1520	Relation between ion populations in ambient and IP shock intervals	Mason
	IP shock parameters and classifications of EPAM proton histories	Lario et al.
	Update on study of injection and propagation of shock-associated SEPs	Mason
	Long term fluences from solar wind to cosmic ray energies	Mewaldt, Gloeckler, Mason
	Solar-cycle averaged heliospheric flux model	Cooper
1700	Adjourn	
	Splinter Groups	
1830	Dinner at Villa Sorriso	

**ACE Team Meeting
Tuesday, October 12
2nd Floor, Winnett Hall
Caltech**

- | | | |
|------|---|--|
| 830 | Upcoming meetings - special issues
Solar Wind 11/SOHO WS Meeting
RHessi-SOHO-TRACE
SHINE
ACE News
Status of the abundance studies/tables/summaries | Zurbuchen
Mewaldt
Cohen
Mewaldt
Stone, Wiedenbeck, Leske,
Cohen, Mason, Moebius,
Zurbuchen, Mewaldt |
| 1000 | Break | |
| 1015 | Discussion of possible ACE-sponsored workshops and/or conferences | |
| 1100 | <u>Science Topics</u>
Solar minimum and maximum GCR spectra and composition
New cosmic ray Li, Be, and B abundances and models
Further interpretation of refractory GCR isotopes | George, Mewaldt
deNolfo, von Rosenvinge
Wiedenbeck |
| 1145 | Lunch | |
| 1245 | Comparison of cosmic ray observations with Wolf-Rayet star model
Speed of interstellar He atoms from pickup He ⁺ cutoff vs longitude
Update on anomalous cosmic rays
Are Inner Source ions further accelerated in interplanetary space?
H, He, and electron spectra in large SEP events
Impulsive flare particles long after injection at the Sun -
observations and predictions
Particle fluence and net flux: Application to ULEIS 3He fluences
The September 24 SEP event | Binns
Gloeckler
Leske, Cummings, Cohen
Moebius
Cohen and company
Giacalone and Mazur

Roelof, Ho, Mason
von Rosenvinge |
| 1445 | Break | |
| 1500 | Nozomi/ACE multispacecraft studies of solar energetic particles
Update on Large SEP event spectra and composition study
Overview of the Halloween, 2003 Events
New analysis of SIS penetrating particles in SEP events
Brief reports on other on-going projects

Review of Action Items
Schedule next meeting
Adjourn

Splinter groups | Miyasaka
Desai, Mason
Cohen
Labrador
Mason, Cohen

Mewaldt
Stone |