

Agenda
CAPS Team Meeting #35
October 28-29, 2007
Rice University, Houston, TX

9:00 AM Monday, October 28

9:00	Welcome and local arrangements	Hill
9:15	CAPS project status	Young
9:30	Flight operations, software, ground system, archival	Furman
10:00	Science planning (current and extended mission)	Crary
10:30	IBS status	Thomsen
11:00	ELS/LEMMS calibration/status	Coates
11:30	IMS calibration—peak fitting	Shappirio

12:00—1:00 Lunch

1:00	IMS singles and TOF detection efficiencies	Reisenfeld
1:30	Production of moments and submission to PDS/MapsView	Tokar
2:00	IMS calibration issues raised by Berthelier	Berthelier?
2:30	Using MIDL for IMS	Rymer
2:45	Other instrument issues	All

3:00 Science discussions

Reisenfeld	Composition in the magnetosphere—work since MOP.
Coates	Recent Titan encounters
Crary	IBS work on Titan's ionosphere/ideas about heavy/negative ion chemistry
Paty	Ion-neutral model for Enceladus
Fama	Sputtering of ice by low-energy ions

6:00 Adjourn

9:00 AM Tuesday, October 29

Wilson	Water group ion flow in the inner magnetosphere
Tokar	Detecting the Enceladus torus via water group pick up ions
Coates/Arridge	Cassini observations of Saturn's polar magnetosphere
Schippers	Parameter profiles inferred from ELS&LEMMS composite spectra
Chen	Statistics of injection/dispersion events
Hill	The next steps in transport studies
Pontius	Interpreting mass source and transport from corotation lag

12:00—1:00 Lunch

Burch/J. Goldstein	Plasma and magnetic field periodicities
Rymer	Neutral cloud morphology and plasma transport
McAndrews	Ion flows in the magnetotail
Cowee	Determination of ionization rates in the E ring
Wu	Rice Convection Model simulations of plasma transport at Saturn

3:30 Discussion; Next meeting; Any other business

4:00 Adjourn