

**Agenda**  
**CAPS Team Meeting #29**  
**December 8-10, 2004**  
**Westin St. Francis Hotel**  
**San Francisco, CA**

**9:00 AM Wednesday December 8**

Welcome, local arrangements, agenda

Bolton/Young

**CAPS Status-Part 1**

9:15 Project status

Young

9:45 CAPS flight operations

Furman

10:00 Flight software

Furman

10:15 Ground system and data archival

Furman

10:30 Science planning and operations

Crary

11:00 IBS status & data analysis

Thomsen/

12:00 Lunch

Barraclough

**1:30 Science Discussions-Part 1**

**MAGNETOSPHERE-I**

Initial Cassini Plasma Observations at Saturn

Crary

Evidence for Alfvén Wave Plasma Heating in the Middle M'sphere of Saturn

Burch

Interchange Injection and Drift Dispersion of Hot Plasma in Saturn's M'sphere

Hill

Saturn's Inner Plasma Sheet as Observed by Cassini: Comparison with Voyager

Sittler

Cassini Ultraviolet Imaging Spectrograph Initial Observations of Saturn

Pryor/Crary

Saturn's Magnetosphere During Cassini's Approach and Initial Orbit

Hansen/Crary

Transport in Saturn's Outer Magnetosphere: Cassini Observations

Thomsen

The Production and Redistribution of Oxygen in Saturn's Magnetosphere

Johnson

6:00 Adjourn

**CAPS Team Meeting #29  
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**9:00 AM Thursday December 9**

**CAPS Status-Part 2**

9:00	ELS	Coates
10:00	IMS-Overview & performance	Crary
	IMS-Performance	Reisenfeld
	IMS-Calibration	Goldstein/Shappirio
	IMS-data analysis	Thomsen
12:30	<u>Lunch</u>	

**2:00 Science Discussions-Part 2**

**RINGS**

Cassini Observations of Co-rotating Heavy Ions Near Saturn's Rings	Tokar
Plasma Near Saturn's Rings: CAPS observations	Coates

**MAGNETOSPHERE-II**

Nitrogen In Saturn's Magnetosphere	Smith
Magnetic fields	Andre

**SOLAR WIND, SHOCK, and SHEATH**

Initial results from the Cassini CAPS Instruments at the Magnetopause of Saturn	McAndrews
Plasma Transition Across the Bow Shock at Saturn: Initial Results From CAPS	Rymer
Solar Wind Modeling of Cassini-Approach Observations	Lee/Crary
Saturn's UV Aurora Imaged with HST during the Cassini Approach to Saturn	Clarke/Crary
Saturn shock?	Szego/Bebesi

6:30 Adjourn

7:30 Team dinner

**9:00 AM Friday December 10**

**Science Discussions-Part 3**

**TITAN**

Cassini's First Distant and Close Encounters With Titan: Initial Analysis CAPS	Coates
Preliminary Interpretation of Titan Plasma: Comparisons With Voyager 1	Hartle/Sittler
The Titan torus and related issues	Szego
Titan density and temperature estimates	Steinberg
The Nature of the Plasma Density Enhancements near Titan	Eviatar/Goldstein
Plasma Measurements in Titan's Ionosphere: Initial Cassini/CAPS Results	Young

***Date and place of next meeting: London/with MAG/week before EGS Apr 20-22/Andrew to check.***

1:00 Lunch

**2:00 IMS team meeting**

IMS team meeting	IMS team
TBD <u>Adjourn</u>	