Theme	Topic	Summary of topic	Other team members
Saturn Crary	Ionosphere Crary	Composition and distribution of particles originating from the ionosphere	Goldstein, Reisenfeld, Hill, Sittler, Sezgo, Coates, Rymer, Gosling
	Aurora Crary	Auroral acceleration, precipitation and related phenomena	McComas, Reisenfeld, Hill, Sittler, Coates, Rymer, Vilppola
	SKR Bolton	Generation of Saturn Kilometric Radiation	Crary, Hill, Sittler, Coates
Magnetosphere Hill	Boundaries & Structure Steinberg	Magnetospheric external and internal boundaries, structures and plasma domains	Crary, Goldstein, Thomsen, McComas, Reisenfeld, Hill, Sittler, Szego, Coates, Rymer, Svenes, Vilppola, Gosling
	Microphysics Thomsen	Microphysics of the bow shock, magnetosheath, magnetopause and magnetotail	Crary, Hill, Sittler, Szego, Coates, Vilppola, Gosling
	Dynamics Thomsen	Magnetospheric dynamics driven by solar wind, internal rotation, substorms, radial transport, and mass loading	Crary, McComas, Hill, Sittler, Szego, Berthelier, Coates, Rymer, Vilppola, Steinberg, Gosling
	Survey Berthelier	Magnetospheric survey: Global density, ion composition, etc.	Crary, Goldstein, Thomsen, Johnson, McComas, Reisenfeld, Hill, Coates, Vilppola, Gosling
Titan Coates	Composition Young	Composition of Titan's ionosphere, exosphere and atmosphere	Coates, Reisenfeld, Sittler, Szego, Berthelier, Rymer, Vilppola, Barraclough, Gosling
	Response of Magnetosphere Sittler	Reaction of Saturn's magnetosphere to Titan induced phenomena	Crary, Johnson, McComas, Hill, Baragiola, Szego, Coates Rymer, Svenes, Vilppola, Gosling
	Structure of interaction region Reisenfeld	Structure of Titan's upstream, bow shock, wake, and flux tube interaction regions	Crary, Sittler, Szego, Coates, Rymer, Vilppola, Steinberg, Gosling
Icy satellites Sittler	Composition Johnson	Composition of satellite exospheres and surfaces	Funsten, Goldstein, Hill, Sittler, Coates, Tokar, Gosling, Baragiola
	Response of Magnetosphere Crary	Interaction of the magnetosphere with icy satellite surfaces and exospheres	Funsten, Johnson, McComas, Hill, Baragiola, Szego, Berthelier, Coates, Rymer, Steinberg, Gosling
	Structure of interaction region Coates	Structure of upstream and wake regions	Crary, Funsten, Steinberg, Gosling
Rings Reisenfeld	Composition Johnson	Composition of the ring exosphere and ring particle surfaces	Funsten, Goldstein, Johnson, Reisenfeld, Sittler, Coates, Rymer, Baragiola
	Ring/magnetosph ere interaction Coates Ring/ionosphere	Ring/magnetosphere interactions, dusty plasmas, and ring particle dynamics Interactions of ring plasma	Crary, McComas, Reisenfeld, Hill, Baragiola, Sittler, Sezgo, Rymer, Gosling Funsten, Reisenfeld, Hill,
	interaction Coates	with Saturn's ionosphere	Sittler, Berthelier, Coates, Rymer

1) <u>Table 2. Duties of theme and topic leaders and team participants</u>

- Theme leaders (with assistance from topic leaders):
 - o A theme leader may also be a leader for one of the science topics
 - o Coordinate science and measurement objectives among topic leaders
 - o Coordinate science and measurement objectives with theme leaders
 - o Provide oversight of achievement of theme science objectives
- Topic leaders (with assistance from topic team members):
 - Science planning:
 - Establish a team interested in the selected topic
 - Identify detailed science objectives & measurements
 - Identify any other contributions to measurements
 - Define measurement requirements (times, locations, modes)
 - Input requirements to ECARS
 - Review output from science planning process
 - Make revised input to ECARS
 - o Data analysis:
 - Coordinate selected periods for study
 - Coordinate data needed for study
 - Organize and track studies
 - Organize science feedback to planning team for future measurements
 - Track presentations and publications
 - Report progress on studies at team or PSG meetings
- Topic team members:
 - Have an interest in contributing to or leading scientific studies using CAPS or other data
 - o Be willing to support the topic team and leader