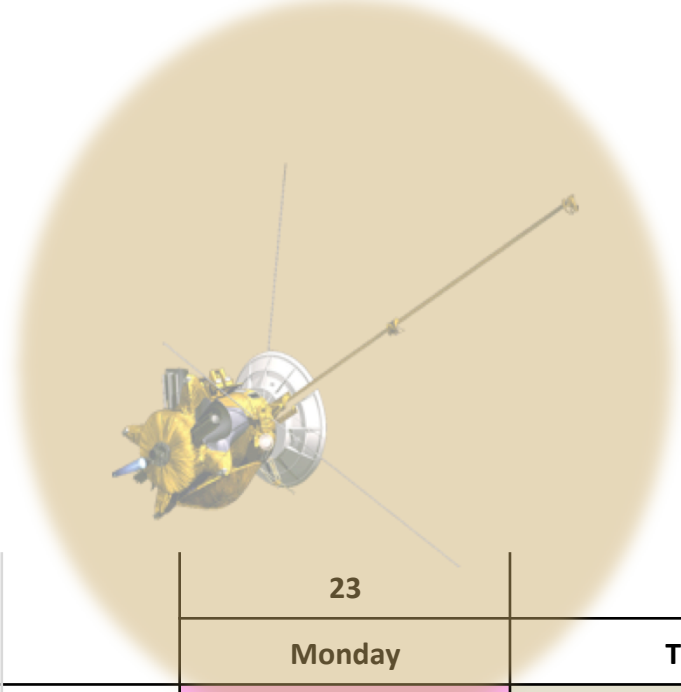
SHORT PROGRAM



	23	24	25	
	Monday	Tuesday	Wednesday	
09:00	Welcome Cassini Overview	Titan Surface Lakes	Titan Climate	
10:00	Titan Atmosphere Seasons			
11:00	Coffee Break	Coffee Break	Coffee Break	
11:20	Titan Atmosphere Composition	Titan Atmosphere After Cassini	Future Missions / Instruments Data / Laboratory	
12:40				
13:20	Lunch	Lunch	Lunch	
14:40	Titan Surface General	Saturn System	Habitability	
15:20			Titan NAI Meeting	Smaller group discussion
15:40			Coffee Break	
16:00		Coffee Break	Titan NAI Meeting	Smaller group discussion
16:20	Coffee Break	Titan Interior		
16:40	Poster Presentations			
17:20				
18:00	Ice Breaker / Poster Session	End of day 2	Adjourn	
20:00		Dinner in Madrid		

MONDAY, SEPTEMBER 23

Chairs: A. Le Gall & A. Solomonidou

09:00	**A. Solomonidou** Welcome, Workshop Overview, Information
09:20	**C. Sotin** Cassini-Huygens Overview
10:00	**N. Teanby** Evolution of Titan's stratospheric temperature and composition during the Cassini mission
10:20	**J. Vatant d'Ollone** Seasonal variations of Titan's atmosphere from Global Climate Modellingwith radiative transfer coupled to microphysics and photochemistry
10:40	**S. Vinatier** Seasonal variations in Titan's middle atmosphere observed with Cassini/CIRS during northern spring
11:00	**Coffee Break**
11:20	**M. Trainer** Isotopic Fractionation During Methane Photolysis with Relevance to Titan
11:40	**M. Palmer** Latitudinal variations in Titan's atmosphere: UVIS observations of three simultaneous stellar occultations
12:00	**T. Gautier** Trace volatiles in Titan's lower atmosphere from Huygens GCMS
12:20	**M. Sylvestre** Characterization of the vertical distribution of C2N2 in Titan's atmosphere
12:40	**J. Mouzay** Investigating Titan's south pole photochemistry: HASP cloud and C6H6 stratospheric ices
13:00	**Discussion**
13:20	**Lunch**

Chairs: R. Lopes & C. Nixon

14:40	**C. Griffith** PCA analyses of Titan's Surface
15:00	**A. Solomonidou** Titan surface chemical composition constraints
15:20	**E. Karkoschka** Subtle changeson Titan's surface observed by Cassini ISS
15:40	**J. Radebaugh** Implications of dune morphometrics for Titan dune field maturity and sediment collection and transport
16:00	**C. Daudon** New Investigation On The Local Topography At The Huygens Landing site: Implications For Landscape Formation On Titan.
16:20	**Coffee Break**
16:40	**Poster Presentations**
18:00	**Ice Breaker / Poster Session**

TUESDAY, SEPTEMBER 24

Chairs: T. Cornet & J. Yates

09:00	**T. Tokano** Stable existence of Titan's tropical lakes in topographic depressions
09:20	**J. Hanley** Understanding The Hydrocarbon Lakes And Seas On Titan
09:40	**V. Poggiali** The Bathymetry Of Moray Sinus At Kraken Mare
10:00	**A. Hayes** Titan's Titan-Like Hydrologic Cycle
10:20	**T. Perron** What Titan has taught us about rivers and coasts
10:40	**J. Soderblom** The Unique Behaviors of Titan's Surface Liquids
11:00	**Coffee Break**
11:20	**P. Coll** Can laboratory tholins mimic the chemistry producing Titan's aerosols? A review in light of ACP experimental results
11:40	**P. Rannou** Improved characteristics of haze properties for retrieving absolute surface reflectivity.
12:00	**E. Sciamma-O'Brien** The Ames Titan Haze Simulation (THS) experiment on COSmIC. Simulating Titan's atmospheric chemistry and aerosol production at low temperature
12:20	**A. Coates** Surprises from Titan: CAPS results on negative ions, photoelectrons and ion escape
12:40	**A. Chatain** Electron temperature(s) in Titan's ionosphere with the re-analysis of the Cassini RPWS/LP data
13:00	**E. Sittler** Titan's ionospheric chemistry, fullerenes, oxygen, galactic cosmic rays and the formation of exobiological molecules on and within its surfaces and lakes
13:20	**Lunch**

Chairs: A. Coustenis & A. Solomonidou

14:40	**J. Serigano** Investigating the Interactions between Saturn's Upper Atmosphere and Rings from Cassini INMS Measurements
15:00	**A. Le Gall** From Xanadu, Titan to the SPT of Enceladus: Saturn's system radar-brightest regions
15:20	**L. Bonnefoy** Saturn satellites' icy regoliths: the case of Rhea's South pole
15:40	**Discussion**
16:00	**Coffee Break**
16:20	**C. Sotin** Titan's interior structure and dynamics
16:40	**D. Durante** Titan's interior and gravity field as determined by Cassini
17:00	**S. Vance** Titan's Bulk Interior Structure and Inferred Composition: Perspective from Radial Structure Models
17:20	**Discussion - End of day 2**
20:00	**Dinner in Madrid**

WEDNESDAY, SEPTEMBER 25

Chairs: S. Vance & R. Lopes

09:00	**J. Lora** A model intercomparison of Titan's climate
09:20	**K. Kalousova** Titan's climate explains the presence of its deep ocean
09:40	**M. Malaska** Titan's wind-deposition pattern
10:00	**E. Barth** Investigating the Microphysics of Benzene Clouds Observed at Titan's South Pole Through a Combined Laboratory and Modeling Approach
10:20	**E. Turtle** Seasonal Patterns in Titan's Meteorology
10:40	**Discussion**
11:00	**Coffee Break**
11:20	**S. Birch** A Precise, Fast & Versatile Numerical Landscape Evolution Tool with Applications to Titan
11:40	**C. Notarnicola** How can multi-angle acquisitions be used to further constrain surface characteristics on Titan?
12:00	**A. Jolly** High Resolution Infrared Studies: Titan Observation From The Ground And Soleil Synchrotron Experiments
12:20	**A. Escalante Lopez** Consolidation of the Huygens's probe Titan's Atmosphere Descent and Landing Geometry with SPICE
12:40	**E. Turtle** Dragonfly: In Situ Exploration Of Titan's Organic Chemistry And Habitability
13:00	**R. Lorenz** The Dragonfly Landing Site and Exploration Region
13:20	**Lunch**

Chairs: A. Le Gall & T. Cornet

14:40	**C. Szopa** Strategies For Detecting Molecules Of Prebiotic Relevance At The Surface Of Titan Using Proven Flight Instrumentation Approaches
15:00	**C. Nixon** Titan science with the James Webb Space Telescope
15:20	**R. Lopes** Habitability of Hydrocarbon Worlds: Titan and Beyond
15:40	**Coffee Break**
16:00	**Titan NAI meeting** Discussion
18:00	**Adjourn**

Poster Program

1	**C. Parkinson** Monitoring Saturn's Upper Atmosphere Density Variations and He Mixing Ratio Using Cassini Helium 584 Å Airglow Observations
2	**Z. Brown** Saturn's Pole-to-Pole Thermosphere from Cassini Grand Finale Occultations
3	**S. Barua** Calculation of high-level ab initio rate constants for key neutral–neutral reactions in low-temperature Titan conditions
4	**M. Lefevre** Turbulence modelling in Titan's zonal wind collapse
5	**C. Mathe** Study of seasonal changes on thermal and abundance profiles in the middle atmosphere of Titan from Cassini/CIRS observations during the entire Cassini mission
6	**A. Coustenis** Titan's neutral atmosphere seasonal variations during the Cassini mission
7	**D. Nna-Mvondo** Investigation of co-condensation of HCN and C6H6 vapors: Identification of the Titan's HASP cloud recently observed by Cassini CIRS
8	**J. Sharkey** Structure and dynamical evolution of Titan's northern polar vortex
9	**A. Chatain** Growth of organic grains in Titan's ionosphere: experimental simulation with a RF plasma discharge
10	**P. Coll** Putative cryomagma interaction with aerosols deposit at Titan's surface
11	**A. Wellbrock** Heavy negative ion growth in Titan's polar winter
12	**A. Thelen** Titan Observations with ALMA During the Northern Summer Solstice and in the Post-Cassini Era
13	**S. Ledvina** Enigmatic Electron Densities in Titan's Ionosphere: Is Ion Transport a Solution?
14	**K. Dzurilla** Detection and reactivity of Titan tholins in liquid hydrocarbons containing polar compounds
15	**A. Schoenfeld** Geomorphological map of the South Belet region of Titan: An exploration of Mid- Latitude-to-Pole transition zones
16	**E. Czaplinski** Characterizing Ethylene Evaporites on Titan Using an Experimental Chamber
17	**T. Cornet** Chemical erosion of Titan's surface: a Landscape Evolution Model
18	**V. Muzon-Inglesias** Raman Spectroscopy Combined With Calorimetry Studies In Titan's Deep Environments
19	**S. MacKenzie** Correlation of albedo, spectral, and geomorphological units at Titan's poles
20	**A. Wetsch** Lateral Distance-Art Inspired by Titan
21	**T. Ray** Accessing Cassini Titan Data Made Easier
22	**S. Le Mouélic** A Cassini VIMS data portal for Titan
23	**K. Farnsworth** An Experimental Investigation of Titan's Lakes: Methane-Ethane-Nitrogen Mixtures
24	**C. Ntinos** Designing a SPICE-based tool for analyzing the data acquired by Cassini from the surface of Titan
25	**D. Dubois** Anion Chemistry in Titan's Atmosphere: Prospects after Cassini
26	**M. Coutelier** Retrieval of Titan's haze and mist vertical profile and surface albedo at high latitude with a radiative transfer model
27	**X. Yu** Material Properties of Titan Aerosol Analogs "Tholin"
28	**M. Perez Ayucar** ESA Huygens probe spin anomaly: New aerodynamic investigations in wind tunnel