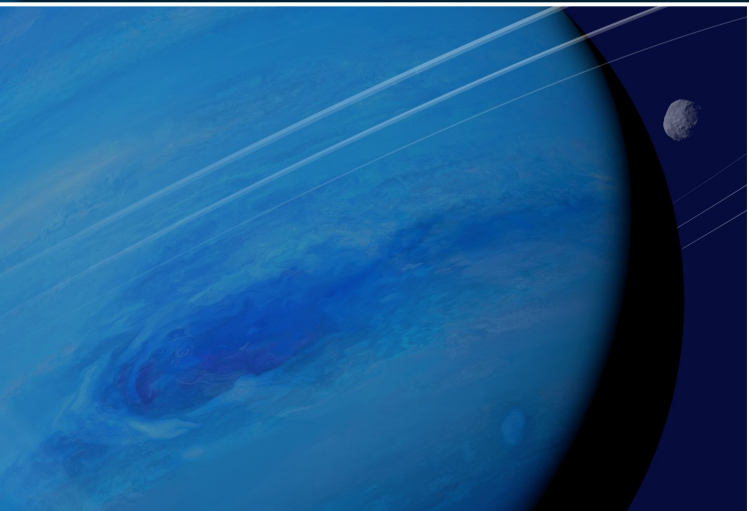
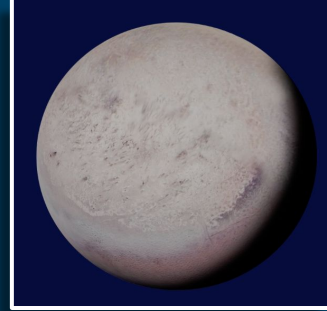


The seminar will begin at 11:03 AM ET

Neptune/Triton System Seminar Series



Second Tuesday of the month at
3:00 PM GMT
(8:00 AM PT / 11:00 AM ET)

Trident and Odyssey Neptune Mission Design and Science Celebration Workshop (July 2021)

Friday 16 July 2021: Trident and Odyssey Neptune Mission Design and Science Celebration Workshop

Start (EDT)	End	Length (mins)	Topic	Speaker(s)
10:00	10:10	10	Introduction	Prockter/Rymer
Section 1: The missions				
<i>Moderator: Carly Howett</i>				
10:10	10:25	15	The Trident concept	Prockter
10:25	10:40	15	The Neptune Odyssey concept	Rymer
10:40	10:50	10	RTGs and plutonium availability	Sayanagi
10:50	11:00	10	Time criticality of a mission to Triton, and launch opportunities	Mitchell/Arrieta
11:00	11:15	15	Discussion	All
11:15	11:30	15	<i>Break</i>	
Section 2: Triton current knowledge and advances (part 1)				
<i>Moderator: TBD</i>				
11:30	11:45	15	Triton's ionosphere	Luspay-Kuti/Nordheim
11:45	12:00	15	Magnetic induction techniques	Cochrane
12:00	12:15	15	Triton plasma interactions	Liuzzo/Paty
12:15	12:35	20	Discussion	All
12:35	1:30	55	<i>Lunch</i>	

Triton current knowledge and advances (part 2)

Moderator: Kirby Runyon

10:45	15	Triton plume hypotheses	Hofgartner/Hansen
10:00	15	Distribution of volatiles over time	Grundy
10:15	15	Triton topography	Schenk
10:30	15	Discussion	All

Future possibilities (part 1)

Moderator: Romina Nikoukar

10:45	15	Ice giant mission planning – a historical perspective	Hofstadter
10:55	10	Neptune observations	Stallard
11:05	10	Rings and moons observations	Hedman/Tiscareno/Becker
11:15	10	Future landed elements	Quick/Izenberg
11:25	10	Discussion	All
11:40	15	<i>Break</i>	

Future possibilities (part 2)

Moderator: TBD

3:40	3:50	10	The truth about aerocapture	Tom Spilker
3:50	4:10	20	Future launch opportunities – e.g. SLS/Falcon Heavy	Stough/Arrieta/Ozimek
4:10	4:20	10	Future monthly meeting	Prockter/Rymer+TBD
4:20	4:50	30	Discussion	All
5:00	HAPPY HOUR Participants present a single slide with their favorite Trident/Odyssey/Voyager story			
6:00			End	

<http://neptuneodyssey.jhuapl.edu/index.php#news>

Seminar Organizing Team



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