

NOMAD SWT#26 (5-6th December 2024)				
NASA Goddard, Greenbelt, Maryland				
US EASTERN TIME (GMT-5)				
Teams Link: TBD				
Time	Duration	Buffer	Title	Presenter
<b>Thursday 5th December</b>				
<b>Day 1</b>				
10:00			<b>Introduction</b>	
10:00	00:05	00:05	Welcome and logistics	Geronimo Villanueva / Sara Faggi
10:10	00:10	00:05	Introduction	Ian Thomas / Ann C. Vandaele
10:25	00:20	00:05	TGO status?	Colin (remote)? Ian?
10:50				
10:50			<b>Surface</b>	
10:50	00:10	00:05	Seasonal south cap of Mars	Frédéric Schmidt (remote)
11:05				
11:05			<b>Trace Gases</b>	
11:05	00:15	00:05	NH3 and HCN upper limits with NOMAD SO	Giuliano Liuzzi (remote)
11:25				
11:25	00:25		Break	
11:50				
11:50	00:20	00:05	Upper limits from NOMAD-UVIS	Juan Alday
12:15	00:20	00:05	Mars HCl maps and connection to water and dust	Sara Faggi
12:40	00:15	00:05	Updates on HCl modelling and interpretation at the OU	Paul Streeter
13:00				
13:00	01:00		Lunch	
14:00				
14:00	00:20	00:05	Update on NOMAD/SO analysis with Asimut	Shohei Aoki
14:25	00:20	00:05	Six Years of Water Vapor Vertical Profiles from NOMAD SO	Adrián Brines
14:50	00:15	00:05	Update on ozone column abundances from NOMAD-UVIS	Jon Mason
15:10				
15:10	00:25		Break and team photo at Roman Construction bay	
15:35				
15:35			<b>Collaborations</b>	
15:35	00:15	00:05	Updates on recent ExoMars and JWST results	Geronimo Villanueva
15:55	00:10	00:05	Overview of Mars research done at Goddard and possible avenues for collaboration	Geronimo Villanueva
16:10	00:20	00:05	NOMAD-IUVS potential collaboration topics	Sumedha Gupta
16:35				
16:35			<b>Operations</b>	
16:35	00:20	00:05	Operations overview, joint ops & instrument status	Bojan Ristic
17:00				
17:00			<b>End of day 1</b>	
19:00			<i>Social event: Basketball game at the Capital One Arena. Drinks/food afterwards in DC</i>	
<b>Friday 6th December</b>				
<b>Day 2</b>				
10:00			<b>Aerosols and Clouds</b>	
10:00	00:15	00:05	Update on aerosol retrieval from UVIS nadir	Yannick Willame (remote)
10:20	00:10	00:05	Update on the aerosol retrieval using the SO channel	Zachary Flimon (remote)
10:35	00:20	00:05	UVIS+SO aerosol retrievals with an application to aphelion cloud belt	Michael Wolff
11:00	00:15	00:05	Aerosol distribution over several MYs from Nomad/SO	Miguel A. Gamonal
11:20				
11:20	00:30		Break	
11:50				
11:50	00:15	00:05	Nucleation of CO2 Ice Clouds by Meteoric Metals	Shane Stone
12:10	00:15	00:05	Changes to northern polar hood clouds during the dusty season	Vinayak Shastri
12:30				
12:30			<b>Upper atmosphere</b>	
12:30	00:10	00:05	Mars at Solar max	Sonal Jain (remote)
12:45	00:15	00:05	Update on GEM-Mars/NOMAD comparisons in upper atmosphere	Lori Neary
13:05				
13:05	01:00		Lunch	
14:05				
14:05	00:25	00:05	Overview of regularisation + CO2&T from NOMAD-SO at BIRA	Loïc Trompet
14:35	00:20	00:05	Update on temperature and minor species studied at IAA	Miguel A. Lopez-Valverde
15:00				
15:00			<b>Airglow</b>	
15:00	00:15	00:05	1) Winter Polar Nightglow;	Lauriane Soret
15:20	00:15	00:05	2) Dayglow and solar activity	Lauriane Soret
15:40				
15:40	00:20		NOMAD Presentation to GSFC and JPL Planetary Leadership	Geronimo, Manish, Ian
16:00				
16:00	00:30		Break	
16:30				
16:30	00:30	00:05	Wrap-up, discussion topics, publications, next meetings and AOB	Ian Thomas
17:05				
17:05			<b>End of day 2</b>	
18:30			<i>Social event: Team dinner at Geronimo's house</i>	
<b>Saturday 7th December</b>				
10:00			<i>Social event: Excursion to Luray Caverns (meet in Greenbelt, MD)</i>	