

NOMAD SWT#24 (5-7th September 2023)				
Potenza, Italy				
Time	Duration	Buffer	Title	Presenter
CEST Tuesday 5th September				
Day 1				
Generalities				
09:30			Welcome	
09:30	00:10	00:10	Opening remarks	Ann Carine Vandaele (remote)
H2O				
09:50	00:10	00:10	High altitude H2O during perihelion season	Adrian Brines
10:10	00:10	00:10	Martian dust and water cycle interactions inferred from NOMAD observations and semi-interactive GCM simulations	Ozgur Karatekin
10:30	00:15	00:10	Upper Atmospheric H2O (~150 km) in Comparison to TGO NOMAD Retrievals	Shane Stone
10:55	00:30		<i>Break</i>	
Ozone				
11:25	00:15	00:10	Updates on ozone retrievals and anti-correlation with water vapor	Arianna Piccialli
11:50	00:10	00:10	Increases in modelled martian ozone due to dissociation and extended lifetime of adsorbed HOx	Megan Brown
CH4				
12:10	00:25	00:10	On the plausibility of methane detections on Mars	Sébastien Viscardy
12:45	01:00		<i>Lunch</i>	
HCl				
13:45	00:10	00:10	HCl distribution during MY34-35-36 from NOMAD/SO	Miguel A. Lopez-Valverde
14:05	00:10	00:10	Investigating the martian chlorine cycle via global climate modelling	Paul Streeter
14:25	00:10	00:10	HCl global mapping with IRTF/iSHELL and NOMAD	Shohei Aoki
14:45	00:15	00:10	Temporal and spatial distribution of HCl	Sara Faggi
Airglow				
15:10	00:15	00:10	UVIS observations of Mars nightglow and aurora: context and promises	Jean-Claude Gérard
15:35	00:15	00:10	UVIS observations of Mars nightglow: simultaneous observations of NO delta-gamma and O2 Herzberg II bands	Lauriane Soret
16:00			End of day 1 <i>Social event 1: Cantine del Notaio</i>	
Wednesday 6th September				
Day 2				
CO and CO2 isotopes				
09:30	00:20	00:10	Carbon isotopic studies on Mars: an update and new perspectives	Giuliano Liuzzi
10:00	00:15	00:10	CO2 627/628 ratio below 60km with NOMAD SO	Hannah F. Janecke, Shohei Aoki
10:25	00:10	00:10	Global mapping of CO isotope with IRTF/iSHELL and NOMAD	Shohei Aoki
10:45	00:20		<i>Break</i>	
CO2				
11:05	00:10	00:10	Update on temperature retrievals at BIRA	Loïc Trompet
11:25	00:20	00:10	Update on NOMAD-SO retrievals at IAA	Miguel A. Lopez-Valverde
Phobos				
11:55	00:20	00:10	Mars' moons and rings Investigations with NOMAD and JWST	Geronimo Villanueva
12:25	00:10	00:10	LNO observations on Phobos: short update	Luca Ruiz Lozano
12:45	01:00		<i>Lunch</i>	
Aerosols/Clouds				
13:45	00:10	00:10	Correlating UVIS vertical profiles and EXI ice cloud images.	Jon Mason
14:05	00:10	00:10	Comparison between surface and orbital aerosol opacity measurements	Jon Mason
14:25	00:10	00:10	Update on the UVIS aerosols climatology	Zachary Flimon
14:45	00:25		<i>Break</i>	
Collaborations				
15:10	00:20	00:10	Mars Moon eXploration mission and its imaging infrared spectrometer	Hirono Nakagawa
15:40	00:10	00:10	Updates from MAVEN/IUVS	Nick Schneider (remote)
16:00			End of day 2 <i>Social event 2: Visit to Matera</i>	
Thursday 7th September				
Day 3				
Operations				
09:30	00:15	00:10	SOC status, special pointings, and pointing functionalities	Bernhard Geiger
09:55	00:20	00:10	NOMAD operations and instrument status	Bojan Ristic
10:25	00:30	00:10	Planning/Data/Calibration status updates	Ian Thomas
11:05	00:20	00:10	Prolonging the lifetime of NOMAD: discussion of available options	Ian Thomas
11:35			End of day 3	

Potential splinter meetings

11:50 01:00 IR retrievals meeting