

**NOMAD SWT#22 (8-10th November 2022)**  
**Nicolet 1 and 2, BIRA-IASB, Avenue Circulaire 3, Brussels; and online**

Time CET	Duration	Buffer	Title	Presenter	Notes
<b>Tuesday 8th November</b>					
10:00			<b>Day 1</b>		
10:00			<b>Generalities</b>		
10:00	00:10	00:05	Welcome and NOMAD general status	Ann Carine Vandaele	
10:15	00:30	00:05	ExoMars project status update	Colin Wilson	
10:50			<b>CO</b>		
10:50	00:15	00:05	CO distribution derived from NOMAD SO	Nao Yoshida	Start of day
11:10	00:15	00:05	CO isotopes	Shohei Aoki / Kimie Shiobara	Start of day
11:30					
11:30	00:20		<i>Break / Buffer</i>		
11:50					
11:50	00:20	00:05	Update on CO retrievals at IAA	Ashim Modak	
12:15					
12:15			<b>CO2 and temperature/pressure</b>		
12:15	00:20	00:05	CO2&T retrievals from SO: variabilities in the mesosphere and the thermosphere from 2MY	Loïc Trompet	
12:40	00:20	00:05	Update on improvements and extension of the temperature retrievals carried out at IAA	Miguel A. Lopez Valverde	
13:05					
13:05	01:00		<i>Lunch</i>		
14:05					
14:05			<b>C isotopes</b>		
14:05	00:20	00:05	Photochemical fractionation of C isotopes in the atmosphere of Mars	Juan Alday	Not Tuesday morning
14:30					
14:30			<b>H2O Retrievals</b>		
14:30	00:15	00:05	Update on H2O and HCl from SO	Shohei Aoki	
14:50					
14:50	00:20		<i>Break / Buffer</i>		
15:10					
15:10	00:20	00:05	Update on improvements and extension of the H2O retrievals carried out at IAA	Adrian Brines	
15:35	00:20	00:05	An update on TGO/MRO multi-spacecraft water assimilation studies	James Holmes	
16:00					
16:00			<b>End of day 1</b>		
<b>Wednesday 9th November. ***Note: possible public transport strike</b>					
10:00			<b>Day 2</b>		
10:00			<b>Operations</b>		
10:00	00:30	00:05	Operations overview, instrument status and joint measurements with other missions	Bojan Ristic	
10:35	00:30	00:05	Special Pointings and Pointing Functionalities	Bernhard Geiger	
11:10					
11:10	00:20		<i>Break</i>		
11:30					
11:30			<b>Calibration</b>		
11:30	00:20	00:05	Update UVIS pipeline	Yannick Willame	
11:55	00:30	00:05	Data/calibration/planning status update	Ian Thomas	
12:30					
12:30	01:00		<i>Lunch</i>		
13:30					
13:30			<b>LNO Nadir</b>		
13:30	00:15	00:05	Update on LNO nadir data MNF analysis	Fabrizio Oliva	Not Tuesday morning
13:50	00:15	00:05	Mars Ice	Frédéric Schmidt	Not Tuesday morning
14:10	00:15	00:05	Mars ice 2	Guillaume Cruz Mermy	
14:30					
14:30	00:20		<i>Break</i>		
14:50					
14:50			<b>Moons</b>		
14:50	00:15	00:05	LNO Phobos observation update	Ian Thomas	
15:10	00:20	00:05	Update on the UVIS Phobos and Deimos Observations	Jon Mason	
15:35	00:20	00:05	200-650 nm spectra of possible Phobos surface components	Edward Cloutis	End of day
16:00					
16:00			<b>End of day 2</b>		
<b>Thursday 10th November</b>					
10:00			<b>Day 3</b>		
10:00			<b>UVIS airglow</b>		
10:00	00:15	00:05	UVIS limb observations: UV dayglow	Lauriane Soret	Tues or Thurs morning
10:20					
10:20			<b>UVIS O3</b>		
10:20	00:15	00:05	Update on the UVIS Ozone retrievals	Jon Mason	
10:40					
10:40			<b>Dust/aerosols</b>		
10:40	00:20	00:05	Aerosol retrievals	Giuliano Liuzzi	
11:05					
11:05			<b>SO errors</b>		
11:05	00:20	00:05	Characterization of the SO measurement noise with the help of covariance matrices.	IAA/BIRA	
11:30					
11:30	00:20		<i>Break</i>		
11:50					
11:50	00:15	00:05	Meeting roundup, discussions, next meeting		
12:10	00:15	00:05	<b>AOB</b>		
12:30					
12:30	01:00		<i>Lunch / end of meeting</i>		
13:30					
13:30	01:00		<i>Optional SO retrieval comparisons mini-workshop for those with a later flight?</i>		
14:30	01:00		<i>Optional UVIS occultation retrieval comparisons mini-workshop for those with a later flight?</i>		
15:30					
15:30			<b>End of day 3</b>		