Tuesday 9 June 2026

MODELING AND LAB ACTIVITIES			
H. 14:30	**Sarah E. Moran**	**Linking Laboratory Data to Atmospheric Models from the Solar System to Exoplanets**	**Invited**
H. 15:15	Chiara Castagnoli	Jupiter's H3+ aurorae as a laboratory for comparative auroral physics	
H. 15:45	Sirinrat Sithajan	Reading alien skies from our own backyard: very-high resolution optical molecular spectroscopy of Titan and Jupiter	
H. 16:15	**coffee break**		
H. 16:45	**Ha Tran**	**First-Principles Calculations of Collisional Effects on Molecular Gas Spectra for Planet and Exoplanet Atmosphere Studies**	**Invited**
H. 17:30	Francesca Vitali	Collision-Induced absorption in planetary atmospheres: present data and future perspectives	
H. 18:00	**Discussion**		
H. 18:15	**WELCOME DRINK**		

Invited Talk (45 min total): 30 min lecture followed by 15 min of questions and discussion

Talk (30 min total): 20 min presentation followed by 10 min of questions and discussion

Wednesday 10 June 2026

MODELING AND LAB ACTIVITIES			
H. 9:30	**Audrey Chatain**	**Simulating planetary atmospheres in the lab: in depth investigation of chemical and microphysical processes in support to observations and models**	**Invited**
H. 10:15	Thomas Drant	Limitations on aerosol optical constants and gas phase kinetic constants data'.	
H. 10:45	**coffee break**		
H. 11:15	**Manuel Lopez Puertas**	**IR remote sensing of planetaru atmospheres under non-LTE conditions**	**Invited**
H. 12:00	Davide Grassi	Challenges in the forward modeling of the Uranus atmosphere	
H. 12:30	Francesco Camilloni	A feasibility study for an optical-IR spectrometer for a future Uranus mission: Assessment of the atmospheric sounding capabilities	
H. 13:00	**lunch**		
EXOPLANETS AND CLOUDS			
H. 14:30	**Hannah Wakeford**	**The Climate and Chemistry of Exoplanet Atmospheres**	**Invited**
H. 15:15	Nicholas Lombardo	Capabilities and Challenges in Observing Titan’s Atmosphere	
H. 15:45	Francesco Biagiotti	A comprehensive picture about Jovian clouds and hazes from Juno/JIRAM infrared spectral data and applications to exoplanets	
H. 16:15	**coffee break**		
H. 16:45	**Lorenzo Pino**	**Towards comparative studies of exoplanet atmospheres**	**Invited**
H. 17:30	Nadia Balucani	From Titan's atmospheric chemistry to exoplanet biosignature: A physical chemist's perspective	
H. 18:00	**Discussion**		
SOCIAL DINNER			

Thursday 11 June 2026

RADIATIVE TRANSFER			
H. 09:30	**Giuliano Liuzzi**	**Mastering the Infrared Earth: future challenges in atmospheric retrievals and radiative transfer**	**Invited**
h: 10:15	Paolo Pettinari	Cirrus cloud radiative closure experiment using the ATMOSFER 2024 Kiruna FIRMOS-B Far-Infrared Observations	
H. 10:45	Fabrizio Oliva	JUICE-MAJIS Earth Gravity Assist data overview and comparison with PRISMA	
H. 11:15	**coffee break**		
H. 11:45	Lorenzo Buriola	The new σ4Mars fast radiative transfer code for the analysis of the Martian atmosphere	
H. 12:15	Fabrizio Oliva	Martian dust properties in Mars Years 34 to 38: TGO/NOMAD UVIS-LNO nadir data preliminary results.	
H. 12:45	**Discussion**		
H. 13:15	**lunch**		
H. 14:45	**ROUND TABLE + VISIT OF THE OBSERVATORY**		
END OF THE WORKSHOP			