ELT Austria 2026 — Program

19–21 October 2026 · Institute of Science and Technology Austria (ISTA)

Monday 19 October

09:00	*Shuttle bus (departure from Schwedenplatz, Vienna)*
10:00	*Coffee & registration*
10:30	Introduction **ScopeSim** · Janus Brink & Kieran Leschinski
12:40	*Lunch & registration*
	Chair: Jorryt Matthee
13:20	Official welcome Jorryt Matthee & Kieran Leschinski
13:30	MOSAIC instrument **MOSAIC** · Roser Pello
14:00	MOSAIC science cases **MOSAIC** · Mathieu Puech
14:30	MOSAIC large-scale environments **MOSAIC** · Matthew Pieri
15:00	MOSAIC early universe **MOSAIC** · Nicolas Laporte
15:30	*Coffee*
	Chair: Edoardo Iani
16:00	Unlocking the sharpest view into the engines and hosts of Little Red Dots with ELT **MICADO / MOSAIC** · Alberto Torralba
16:20	Low-mass galaxies at high redshift with the ELT: expectations and insights from JWST **MOSAIC** · Ryan Cooper
16:40	Population III stars at z>10 with HARMONI **HARMONI** · Steffan Thomas
17:00	White dwarfs **TBC** · Aayush Desai
17:20	On the detection of Population III galaxies: emission line diagnostics for hybrid stellar populations **MOSAIC** · Sabyasachi Goswami
17:40	Elevator pitches Non-speakers · **Chair: Ivan Kramarenko**
18:00	*End of day*
18:15	*Shuttle bus (departure from ISTA)*

Tuesday 20 October

08:15	*Shuttle bus (departure from Schwedenplatz, Vienna)*
	Chair: Alberto Torralba
09:00	MICADO **MICADO** · Eline Tolstoy
09:30	Detection limits of ELT/MICADO for trans-Neptunian binaries **MICADO** · Camille Chatenet
09:50	Understanding the building blocks of protocluster galaxies at cosmic noon **MICADO** · Emmet Gabriel Golden-Marx
10:10	Point spread function reconstruction: from 8-metre telescopes to ELT scales **MICADO** · Luca Cortese
10:30	*Coffee*
	Chair: Sara Mascia
11:00	ELT update **ELT** · Joel Vernet (Zoom)
11:30	HARMONI **HARMONI** · Mark Swinbank
12:00	Preparing for precision measurements of galactic outflows with the ELT **HARMONI** · Cody Carr
12:20	Instrument overview **ANDES** · Michael Weber
12:40	*Conference Picture*
12:50	*Lunch*
14:00	Panel discussion — what keeps me awake at night All instrument reps
14:45	HSIM hackathon Miguel Santaella (Zoom)
15:30	*Coffee*
16:00	ScopeSim hackathon Janus Brink & Kieran Leschinski
17:30	*End of day*
17:40	*Shuttle bus to dinner*
18:30	Workshop dinner **Heuriger**
21:00	*Shuttle bus to Vienna*

Wednesday 21 October

08:15	*Shuttle bus (departure from Schwedenplatz, Vienna)*
	Chair: Kieran Leschinski
09:00	METIS **METIS** · Roy van Boekel
09:30	Hycean atmospheres with METIS **METIS** · Natalie Grasser
09:50	Debris disks exhibiting proper motion anomalies as a preview for METIS/Gaia DR4 synergies **METIS** · Edward Turner
10:10	Using METIS to detect resolved hydrogen lines from the accretion shock at gas giants and their CPDs **METIS** · Gabriel-Dominique Marleau
10:30	*Coffee*
	Chair: Claudia Di Cesare
11:00	Discovery of a star sensitive to the spin of Sagittarius A **MICADO** · Stefan Gillessen
11:20	Epoch of reionization **MOSAIC** · Anne Hutter
11:50	ELT/MOSAIC shedding light on galaxy protoclusters in the epoch of reionisation **MOSAIC** · Klaudia Protusova
12:10	Ionizing photon production and escape in high-redshift galaxies **MOSAIC** · Sara Mascia
12:30	Elevator pitches **Elevator Pitches** · Non-speakers (buffer for Monday) · **Chair: Ivan Kramarenko**
12:40	*Lunch*
14:00	ScopeSim hackathon Janus Brink & Kieran Leschinski
15:30	*Coffee*
16:00	ScopeSim hackathon Janus Brink & Kieran Leschinski
17:30	*End of day*
17:40	*Shuttle bus (departure from ISTA)*