

MSE Workshop 2024 Schedule

Plenary Zoom Link:

Breakout #1:
Breakout #2:
Breakout #3:
Breakout #4:

All Contributed Slides:

https://drive.google.com/drive/folders/1BTv4Vv_CVqvs4kWM1fB_rNJcxvcVdCDo?usp=sharing

Available Zoom Recording from Talk Title hyperlinks (Passcode needed)

October 29th (GMT)

Plenary Session #1 - Status & Facilities

Session Chair: Peter Frinchaboy & Jennifer Marshall

UT/GMT	TOPIC	SPEAKER
16:00-16:20	Overview of MSE (Passcode: C4vWRS)	Andy Sheinis
16:20-16:40	Maunakea Updates (Passcode: C4vWRS)	Jean-Gabriel Cuby
16:40-17:00	Update on WST (Passcode: C4vWRS)	Roland Bacon
17:00-17:20	The status of the Subaru Prime Focus Spectrograph (Passcode: C4vWRS)	Michael Strauss
17:20-17:40	WEAVE Update (Passcode: C4vWRS)	Gavin Dalton
17:40-18:00	The Future of Large-Scale Survey Spectroscopic Facilities: The Perspective from Snowmass (Passcode: C4vWRS)	Jeffrey Newman
<i>18:00-18:20</i>	<i>BREAK</i>	<i>BREAK</i>

Breakouts Sessions

UT/GMT	Topic	Zoom Recording	Zoom Room
18:20-19:20	<i>Detectors</i>	Link Passcode: =3@EqW	Breakout #1
18:20-19:20	<i>Positioners</i>	Link Passcode: NJYWq&	Breakout #2
18:20-19:20	<i>Spectrographs</i>	Link Passcode: FMDGLZ	Breakout #3
18:20-19:20	<i>New Technologies & Telescopes</i>	Link Passcode: 4U?^jK	Breakout #4

October 30th (GMT)

Plenary Session #2 - Status & Facilities

Session Chair: Tanya Urrutia

UT/GMT	TOPIC	SPEAKER
5:00-5:20	MSE Telescope design (Passcode: yPxc5S)	Sam Barden
5:20-5:40	MSE Wavelength splitting technology (combined with above)	Sam Barden
5:40-6:00	The Keck Wide-Field Imager - Synergy with MSE (Passcode: yPxc5S)	Jeff Cooke
6:00-6:20	GALAH's Insights for the Next Era of Spectroscopic Exploration (Passcode: yPxc5S)	Sven Buder
6:20-6:40	4Most Lessons Learned (Passcode: yPxc5S)	Roelof deJong
6:40-7:00	BREAK	BREAK

Breakouts Sessions

UT/GMT	Topic	Zoom Recording	Zoom Room
7:00-8:00	<i>Detectors</i>		Breakout #1
7:00-8:00	<i>Positioners</i>	Link (Passcode: i!JRK.)	Breakout #2
7:00-8:00	<i>Spectrographs</i>	Link (Passcode: hG%pNk)	Breakout #3
7:00-8:00	<i>New Technologies & Telescopes</i>	Link (Passcode: N.s.L*)	Breakout #4

October 30th (GMT)

Plenary Session #3 - Galaxies and Cosmology

Session Chair: Nathan Sandford, Karen Masters

UT/GMT	TOPIC	SPEAKER
16:00-16:20	MSE Science Case Updates	Peter Frinchaboy
16:20-16:40	4MOST extragalactic surveys.	Jon Loveday
16:40-17:00	Weak Lensing of the Lyman-alpha forest	Patrick Shaw
17:00-17:20	Low Surface Brightness Galaxies - SFR and metallicity	Kasia Malek
17:20-17:40	TBD	
17:40-18:00	BREAK	BREAK

Breakouts Sessions

UT/GMT	Topic	Zoom Recording	Zoom Room
18:00-19:00	<i>Galaxy formation and evolution</i>	Link	Breakout #1
18:00-19:00	<i>AGN and supermassive black holes</i>		Breakout #2
18:00-19:00	<i>Astrophysical tests of dark matter</i>		Breakout #3
18:00-19:00	<i>Cosmology</i>		Breakout #4

October 31th (GMT)

Plenary Session #4 - *Galaxies and Cosmology*

Session Chair: Sarah Gallagher, José Sánchez-Gallego

UT/GMT	TOPIC	SPEAKER
2:00-2:20	MSE Science Case Updates	Peter Frinchaboy
2:20-2:40	MSE + CASTOR: AGN Science Synergies	Viraja Khatu
2:40-3:00	Probing Quasar Outflows using Multi-Epoch Spectroscopy	Aromal Pathayappura
3:00-3:20	TBD	
3:20-3:40	TBD	
3:40-4:00	BREAK	BREAK

Breakouts Sessions

UT/GMT	Topic	Zoom Recording	Zoom Room
4:00-5:00	<i>Galaxy formation and evolution</i>	Link	Breakout #1
4:00-5:00	<i>AGN and supermassive black holes</i>		Breakout #2
4:00-5:00	<i>Astrophysical tests of dark matter</i>		Breakout #3
4:00-5:00	<i>Cosmology</i>		Breakout #4

***NOTE: US changes off Daylight-Saving time November 3rd, 2024
(Please Double Check your time Zones for November 6-8 dates!!)***

November 6th (GMT)

Plenary Session #5 - Stars and Transients

Session Chair: Michael Hayden

UT/GMT	TOPIC	SPEAKER
16:00-16:20	MSE Science Case Updates - Star & Galaxies	Peter Frinchaboy
16:20-16:40	Chemodynamical evolution of the Milky Way - the need for higher-resolution spectra	Chiaki Kobayashi
16:40-17:00	Chemical Anomalies in the Galactic Field	JOSE FERNANDEZ TRINCADO
17:00-17:20	Role of ω Cen building up the Milky Way halo using large-scale spectroscopic surveys	Borja Anguiano
17:20-17:40	Catching free-floating planets and planetary systems in star clusters: what (N-body) simulations tell us?	Francesco Maria Flammini Dotti
<i>17:40-18:00</i>	<i>BREAK</i>	<i>BREAK</i>

Breakouts Sessions

UT/GMT	Topic	Zoom Recording	Zoom Room
18:00-19:00	<i>Time domain astronomy and transients</i>		Breakout #1
18:00-19:00	<i>Exoplanets and stellar astrophysics</i>		Breakout #2
18:00-19:00	<i>Chemical nucleosynthesis</i>	Link (Password: 90im0z)	Breakout #3
18:00-19:00	<i>Milky Way and resolved stellar populations</i>		Breakout #4

November 7th (GMT)

Plenary Session #6 - Stars and Transients

Session Chair: Sven Buder, Kaleo Toguchi-Tani

UT/GMT	TOPIC	SPEAKER
2:00-2:40	CFHT/MSE Outreach efforts	Mary Beth Laychak
2:40-3:00	Li-enrichment in low mass evolved stars: Are Li-rich giants post merger stars?	RAGHUBAR SINGH
3:00-3:20	Stellar physics and population in the open cluster lab	Xiaoting Fu
3:20-3:40	Rubin perspective	Igor Andreoni
<i>3:40-4:00</i>	<i>BREAK</i>	<i>BREAK</i>

Breakouts Sessions

UT/GMT	Topic	Chair	Zoom Room
4:00-5:00	<i>Time domain astronomy and transients</i>		Breakout #1
4:00-5:00	<i>Exoplanets and stellar astrophysics</i>	Link	Breakout #2
4:00-5:00	<i>Chemical nucleosynthesis</i>		Breakout #3
4:00-5:00	<i>Milky Way and resolved stellar populations</i>		Breakout #4

November 7th (GMT)**Plenary Session #7 - New Technologies and Landscape of future facilities and conclusions****Session Chair:** Peter Frinchaboy

UT/GMT	TOPIC	SPEAKER
16:00-16:20	Validation and calibration of spectroscopic parameters with stellar clusters (Lessons learned from the GALAH survey)	Janez Kos
16:20-16:40	A new positioner technology	Roelof deJong
16:40-17:20	Putting it together - MSE telescope & spectrograph designs	Will Saunders
17:20-17:40	Wrap up and intro to the panel discussions	Jen Marshall
<i>17:40-18:00</i>	<i>BREAK</i>	<i>BREAK</i>
18:00-19:00	Panel Discussion	Alan McConnachie

November 8th (GMT)**Plenary Session #8 - New Technologies and Landscape of future facilities and conclusions****Session Chair:** Joan Najita

UT/GMT	TOPIC	SPEAKER
2:00-2:25	The Spectroscopic Landscape: Making MSE Competitive	Michael Hayden
2:25-2:50	Recent Advancements in Imaging Sensors	Mic Chadoir
2:50-3:10	MUST (MULTiplexed Survey Telescope) Project Update	Song Huang
3:10-3:40	Wrap up and intro to the panel discussions	Andy Sheinis
<i>3:40-4:00</i>	<i>BREAK</i>	<i>BREAK</i>
4:00-5:00	Panel Discussion	Alan McConnachie