

Planetary formation (young stars, exoplanets, solar system)

Chairs: Greg Herczeg, Thayne Currie, Stan Metchev

Tuesday Dec. 11

Start time	End time	Presenter(s)	Title	Duration
14:00	14:15	Session chairs	Introduction/overview	0:15
14:15	14:30	Fitzgerald	Project Update for the Planetary Systems Imager	0:15
14:30	14:45	Packham	MICHI: A Thermal-IR Instrument for the TMT	0:15
14:45	15:05	Jovanovic	The technical development road map for the Planetary Systems Imager	0:20
15:05	15:30		Discussion	0:25
15:30	16:00		Coffee break	0:30
16:00	16:20	Currie	Direct Imaging and Spectral Characterization of Temperate, Neptune to Earth-Sized Exoplanets with TMT	0:20
16:20	16:40	Marois	Thermal Imaging and Characterization of Rocky Earth-size Habitable Zone Planets in the Solar Neighborhood with TMT	0:20
16:40	17:00	Lopez-Morales	Observations of molecular oxygen in earth analogs with the TMT and GMT	0:20
17:00	17:30		Discussion	0:30
17:30	18:00		*Poster* session II	0:30

Wednesday Dec. 12

Start time	End time	Presenter(s)	Title	Duration
9:00	9:15	Millar-Blanchaer	Characterizing Extrasolar Planetary Systems in Polarized Light with TMT-PSI	0:15
9:15	9:40	Mawet + Ruane	MODHIS + Characterizing rocky planets in the habitable zone of M stars with a vortex fiber nuller	0:25
9:40	9:55	Sag Ben-Ami	FIOS: A Fabry Perot Array Spectrograph for O ₂ Searches with ELTs	0:15
9:55	10:15		Discussion	0:20
10:15	10:45		Coffee break	0:30
10:45	11:05	Herczeg	TMT and the ALMA view of protoplanetary disks	0:20
11:05	11:20	McGehee	Chemistry and kinematics in the planet-forming environment	0:15
11:20	11:35	Meech	Tracing the Formation of Habitable Worlds with eExtremely Large Telescopes	0:15
11:35	12:00		Discussion	0:25

Posters associated to this session: C. Grady