Monday, July 29

Welcome

Dan Ney - Invited talk
Astrobiology science (Site TBD)

Ben Shappee - Invited talk
Extragalactic science (Site TBD)

Te Han - TESS-Gaia Light Curve (TGLC)
High precision, dilution-free TESS FFI light curves

9:25

George Ricker - Invited talk
Mission update (Site TBD)

Ward Howard - Unlocking the potential of TESS to constrain the radiation environment of every M dwarf with simultaneous 24 h RV and red optical features observations

Rahul Jayawardena - Using TESS to study optical counterparts to gamma-ray bursts

Andreas Hedges-Silaghi - RAVEN: RV varied and Validation of Exoplanets

9:30

Roland Vanderbei - Invited talk
Mission operations (Site TBD)

Luke Bousa - Transiting coronal gas clumps around young low-mass stars

Derek Bussier - Searching for GRB precursors with TESS

Ryan Ridden-Harper - TESSeduco: extracting high quality calibrated PPDF photometry from TESS

9:40

Catherine Espinat - Catching protoplanetary disk-dust extinction with TESS and JWST

Amir Rast - TESS light curves with SYNDOP

David Repetti - Comparing and automatically performing the performance of systematics error correctors for TESS light curves

9:50

Christina Hedges - Update from the TESS Science Support Center at NASA AIP

Coffee break (30 min)

Tyler Pritchard - TESSdinos: easy spacecraft data de-scrambling for the community

10:20

Juliette Becker - Invited talk
Exoplanets (Site TBD)

Rafael Garcia - Measuring rotation periods and stellar oscillations in net giants with TESS data

Deb Woods - Invited talk
Solar System science (Site TBD)

Vikas Singh - CHEOPS/TESS oscillations of KEPL-2 b

10:30

Madison Brady - Using TESS targets to characterize the compositions of nearby M dwarf planets

Lyra Ces - TESS light curve amplitudes, rotation periods, and star spots in lower main sequence stars

Nora Takacs - Exploring the physical properties of Jupiter Trojans and Hillias with the TESS space telescope

10:40

Angie Wolfgang - The Magellan-TESS Survey: Habitability characterization of small planets

Joel Ogii - Asteroseismic identification and characterization of a newly rotating engulfment candidate

Mayuko Mori - Multi-band Starplet Characterization to Survey of TESS and Ground-based Telescopes

10:50

Lunch Break
12:00 - 1:30

Mike Lund - ExoPOP. Evolving support for TESS and future missions

Rachel B. Fernandes - Trazing the evolution of short-period exoplanets: Insights from young stellar clusters

Nicholas Saunders - Evolved and aligned: Newly discovered TESS hot Jupiters demonstrate rapid obliquity damping after the main sequence

1:30

Flor-Antula Ney - A paradigm shift in our understanding of sub-Neptunes: JWST transmission spectroscopy reveals that hydrogen and volatiles are mixed in a mixed envelope on sub-Neptunes

Sydney Yash - The occurrence and evolution of small young planets in comoving populations with TESS

Malay Harris - Micromass exoplanet candidate with TESS

1:40

Benjamin Ruchkam - Towards robust connections for exoplanets contamination in transmission spectra using HST, JWST, and TESS; first results from two Legacy programs

Matteo Barberi - A 3 Jup transiting planet in the presence of a misaligned transitional disk

Alexander Verner - Seeing beyond the shadows: Acrucising TESS system architecture with automatically

1:50

Johanna Teske - Atmospheres of small TESS planets from the JWST COMMISSION (Compositional Monitoring) of Mini-Planet Atmospheres for Statistical Study

Gardelio Domenico - Young planets with TESS

Xinyao Wang - Provocative spin-orbit alignment of warm Jupiters in single-star systems: evident even around hot stars

2:00

David Armstrong - A statistical sample of planets in and near the Neptunian Desert revealed with HATPS-9

Louise Dumbard Nielsen - Tracking planet formation with the youngest transiting exoplanet candidates

Steven Giacalone - The origins of close-in brown dwarfs from the stellar obliquity distribution

2:10

James Armstrong - Exploring the exoplanet systems and architectures of four 240 TESS

2:20

Poster Session 1 (1 hour)

Coffee break (30 min)

Poster Session 2 (1 hour)

Coffee break (30 min)

Coffee break (30 min)

2:45

Douglass Calefani - SPIFIC light curves, target joint fits, and other goodness in the extended mission

Glen Pettigrew - Update to GLP and TV from the TESS science office at MIT

Bilby Edwards - Population studies of exoplanet atmospheres with ESPA-Ne and Current approach to target selection and the impact of TESS

3:00

Jose Rodriguez - Hot Jupiters with friends as a guide for planetary evolution

Daniel Mathurietz - Modeling and removal of scattered light in TESS full frame images using genetic algorithm

Dominic Rowan - Measuring fundamental stellar parameters with spiking binaries

3:15

Ashley Chontos - 13 new TESS planets and homogeneous properties for 21 evolved systems

Lionel Garcia - Detection of transiting exoplanets around active stars with nuance

Maxamav Nurew - Possible association with pulsation amplitudes and the dust growth of the stars in giant outbursting Ba X-ray binaries

3:30

Eliza Newton - Exoplanets in THYME

State of the profession talk: Jonathan Chou - Mental health in academia

Gian Pietro Piatti - The PLATO Mission: An overview

3:45

Emma Habib - Transiting variability of TESS multi-planetary systems: A catalog from the first five years

Glen Pettigrew - Update to GLP and TV from the TESS science office at MIT

Zhitong Lin - Revealing imprints of tidal evolution and radial inflow with TESS transiting brown dwarfs

3:50

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4:05

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4:20

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Gian Pietro Piatti - The PLATO Mission: An overview

4:35

Alex Polanski - Unveiling Orbital Architectures with the TESS-Keck Survey

Shahir Dhaif - Catalog of stellar companions from pulsation timing in first four years TESS

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4:50

4:55