

TESS Science Conference I

tsc.mit.edu

SOC:

Suzanne Aigrain

Jayne Birkby

Padi Boyd

Nat Butler

Dave Charbonneau

Jessie Christiansen (co-chair)

Bekki Dawson

Courtney Dressing

Eric Gaidos

Andrew Howard

Hans Kjeldsen

George Ricker

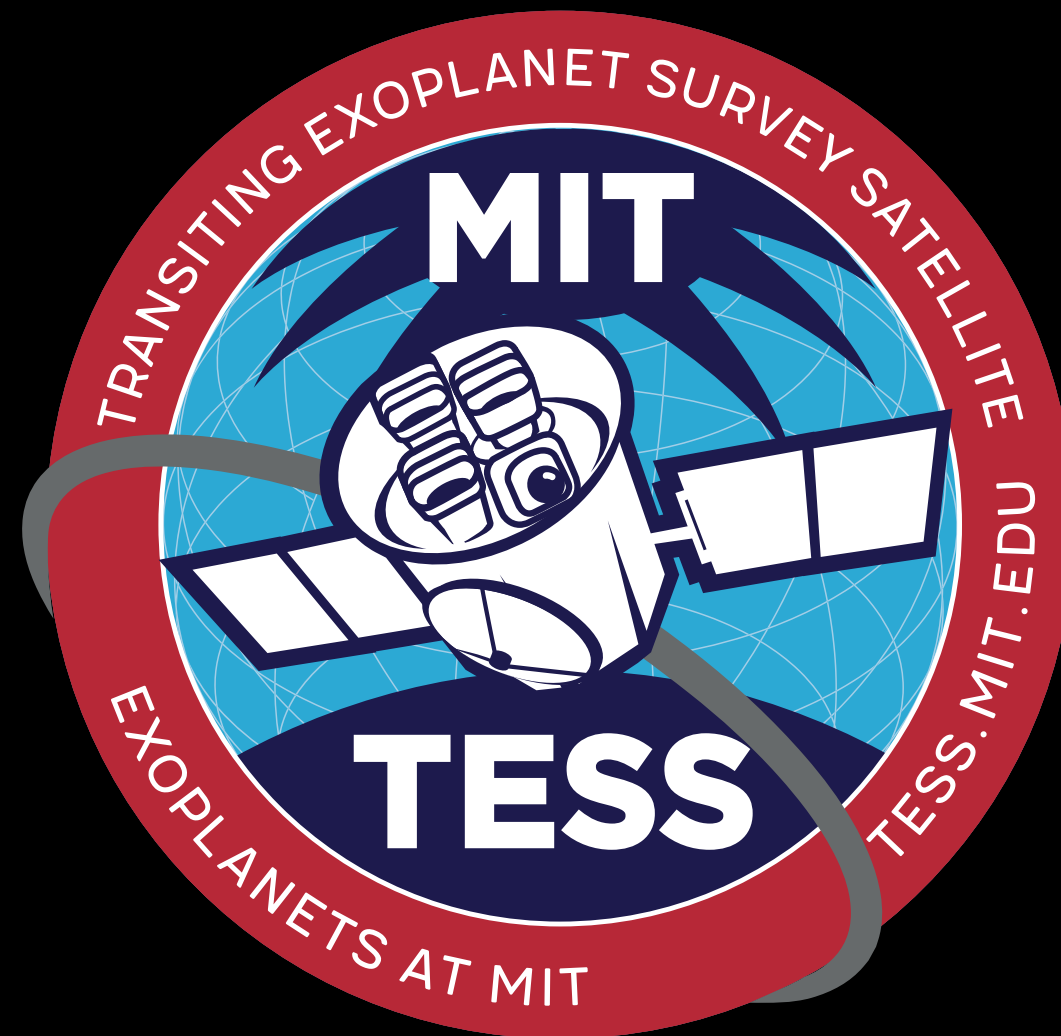
Sara Seager

Ben Shappee

Avi Shporer (co-chair)

Jennifer van Saders

Josh Winn



LOC:

Elisabeth Adams

Tansu Daylan

Diana Dragomir

Aylin Garcia Soto

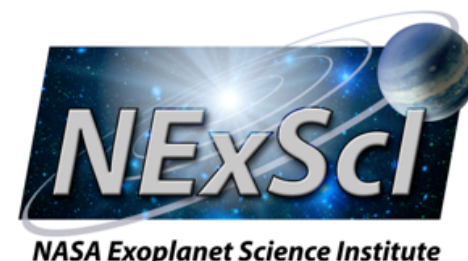
Maximilian Guenther

Moritz Guenther

Natalia Guerrero

Elisabeth Matthews

Avi Shporer (chair)



TESS Science Conference I

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Sala de Puerto Rico,
Stratton Student Center 2nd floor
(Posters, coffee breaks)

Kresge Auditorium
(Talks)



TESS Science Conference I

Talks duration:
 15 minute talks:
 11 minute + 4 minute Q&A
 30 minute talks:
 22 minute + 8 minute Q&A

Monday	Tuesday	Wednesday	Thursday	Friday
Mission overview	Asteroseismology	Small planets and occurrence rates	Stellar activity and binary stars	Biosignatures
Small planets	Large planets	Young star and data analysis	Solar system	Planets themselves
Lunch (on own)	Lunch (on own)	Lunch (on own)	Lunch (on own)	Lunch (on own)
Asteroseismology	Atmospheric characterization	Splinter Sessions	Synergies with TESS	Planetary architectures
Transients	Stellar activity and binary stars	Splinter Sessions	TESS follow-up	How to achieve (techniques)
Poster session/reception	Concert, Public talk	Poster session/reception		Closing reception

Songs from Extrasolar Spaces

An Evening of Music Inspired by TESS

Transiting Exoplanet Survey Satellite,
an MIT-led NASA mission to discover
new planets around nearby stars

Featuring Boston's Lorelei Ensemble
performing works by Meredith Monk,
Molly Herron, and premiering works
by Elena Ruehr and by John Harbison.

FREE

July 30 | 8:00 PM

MIT Kresge Auditorium

The program includes the latest public update of the first year
of the TESS Mission with speakers George Ricker, TESS Principal Investigator;
Sara Seager, TESS Deputy Director of Science; & Natalia Guerrero, TESS TOI Manager

Reserve your
tickets now at
Eventbrite:

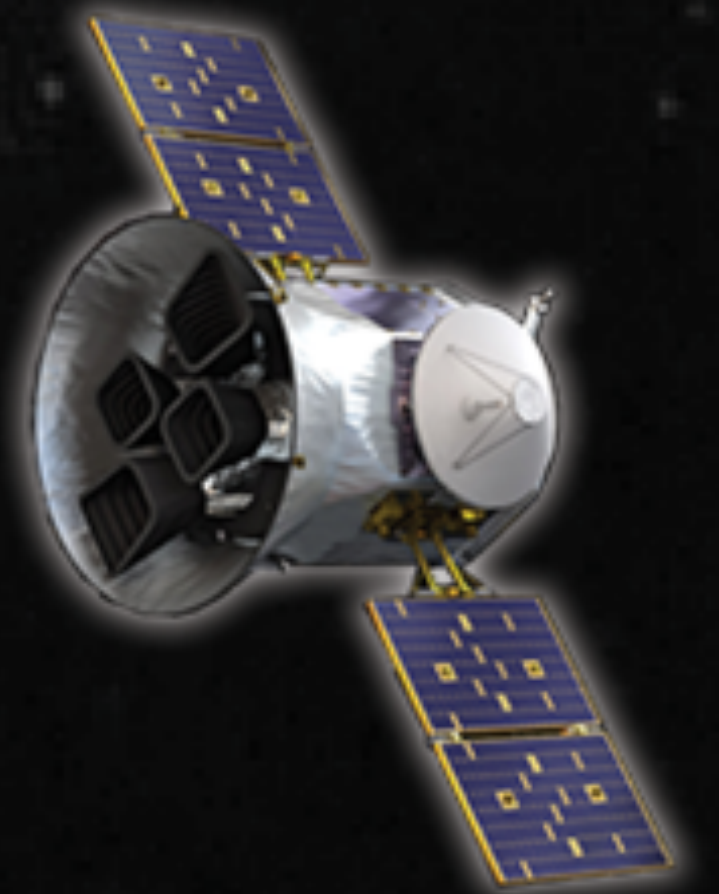


NORTHROP GRUMMAN

ARTS
CENTER FOR
ART, SCIENCE &
TECHNOLOGY
AT MIT

MIT MUSIC &
MTA THEATER
ARTS

Lorelei
ensemble



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Splinter Sessions (Wednesday afternoon, 1:30 - 4:30 pm):

- ***Count all the photon!: Best practices for extracting accurate light curves for all objects in the TESS FFIs.***

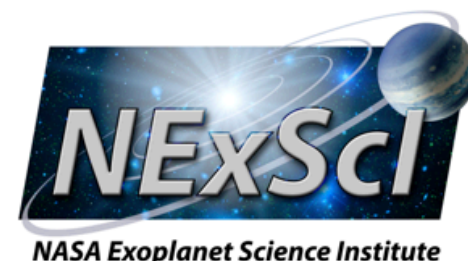
Lead organizer: Ben Montet

Location: Kresge Auditorium

- ***Strategies for confirmation and characterization of long period planets in TESS.***

Lead organizer: Steven Villanueva

Location: Stratton Student Center, room 491 (4th floor)



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The Future of Exoplanet Research Symposium

A far future Look at exoplanet science

Friday, August 2nd.

Sponsored and organized by the Kavli Foundation.

Will be live streamed.



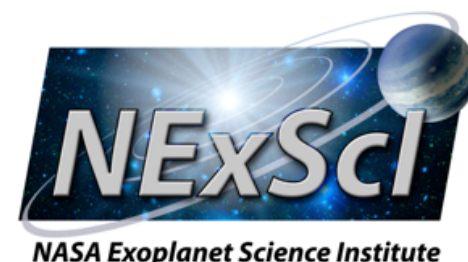
Biosignatures

Planets
themselves

Planetary
architectures

How to achieve
(techniques)

Closing reception



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Code of Conduct:

tsc.mit.edu/conduct.html

Reporting incidents:

- **Anonymously**, through a google form (link on conference website)
- **By phone:**
Leave a message or text: (626) 470-7075
This phone number was setup especially for this purpose and will be monitored throughout the conference.

TESS Science Conference - Incident report

Please describe the situation where you or someone else was made to feel unsafe or unwelcome.

*** Required**

Incident description (including date and time) *

Your answer

Name (This is not required but will enable us to follow up if you want updates)

Your answer

Email (This is not required but will enable us to follow up if you want updates)

Your answer

SUBMIT

Never submit passwords through Google Forms.



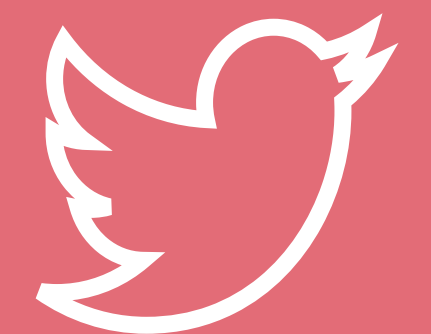
[@NASA_TESS](#)

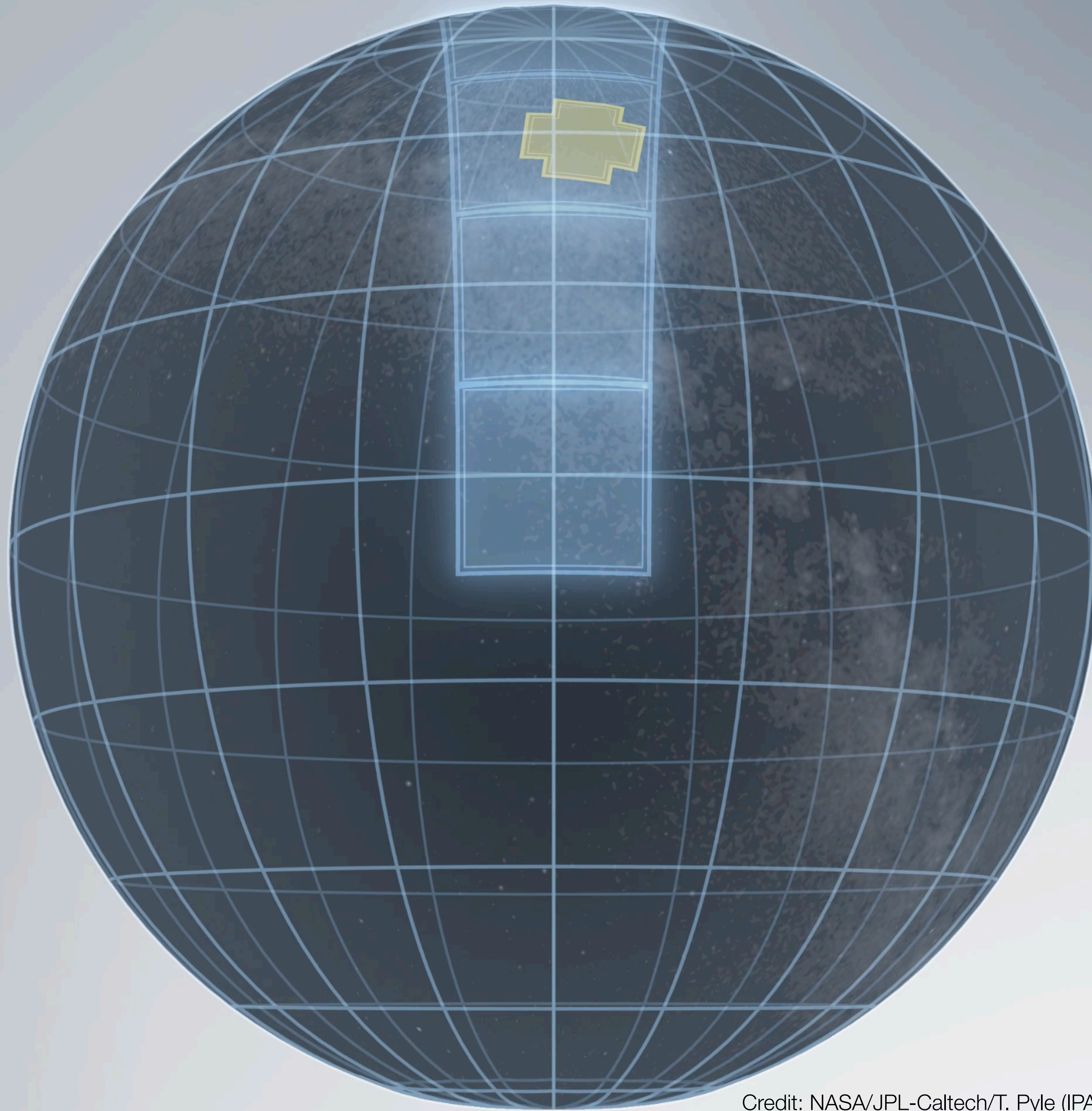
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Credit: NASA/JPL-Caltech/T. Pyle (IPAC)