Welcome to the TESS Science Conference
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)
Reserve a table for group lunch meetings

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

Tablets at Kresge lobby
for browsing posters
digital version
**TESS Science Conference I**

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

**Talks duration:**
- 15 minute talks:
- 11 minute + 4 minute Q&A
- 30 minute talks:
- 22 minute + 8 minute Q&A
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; & Natallia Guerrero, TESS TOI Manager

Reserve your tickets now at Eventbrite:
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)
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.
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.*
Tag #TESScon on social media!