

Welcome to THYME 2020

(The same document is available at every table in the gather.town THYME 2020 Foyer.)

Contents:

- I) Relevant Links
 - II) The THYME 2020 Block Schedule
 - III) Description of the THYME 2020 Program
 - IV) An introduction to the THYME 2020 gather.town space
 - V) THYME 2020 Participants
-

I) Relevant Links

Gather.town Virtual Meeting Space:

<https://gather.town/app/54F9mHGntouv643/THYME2020>

Credentials: *THYMEcat2020*

Zoom links associated with Gather locations (zoom links won't be live until Monday morning):

- Keynote (Both Days) - <https://utexas.zoom.us/j/6918169551>
- Breakout Room A (Both Days) - <https://utexas.zoom.us/j/7462593687>
- Breakout Room B (Day 1) -
<https://unc.zoom.us/j/91846944076?pwd=cndaWXVqNDNXNUJBQXBnZnFldWw5dz09> - Passcode: 308046
- Breakout Room B (Day 2) -
<https://unc.zoom.us/j/95088232366?pwd=bmZ0VnhiNEpJV1ZWQkQwaTdJZ3RYZz09> - Passcode: 687238

II) The THYME 2020 Block Schedule

Monday, December 7th

Time (EST)	Event	Presenter	Topic	"Gather" Location
1:00 - 1:10	Welcome Address	Elisabeth Newton		Keynote
1:10 - 1:45	Invited Talk	Luke Bouma	"Two Truths and a Lie: News from the Cluster Difference Imaging Photometric Survey"	Keynote
1:45 - 2:05	Plenary Talk	Mackenna Wood	"One Star, Two Star - Monte Carlo Simulation of Unseen Binary Companions"	Keynote
2:05-2:35	Parsley Splinter		Social THYME! Junior member intros to entire group then break out (See THYME program description below)	Keynote Breakout Room A: Junior Members Breakout Room B: Senior Members
2:35-2:50	Break (15 mins)			
2:50 - 3:10	Plenary Talk	Pa Chia Thao	"Probing into the Atmospheres of Young Exoplanets"	Keynote
3:10 - 3:30	Plenary Talk	Keighley Rockcliffe	"A Lyman-alpha transit left undetected: the atmosphere and environment of K2-25b"	Keynote
3:30 - 4:00	Sage Splinter		Atmospheres Finding New Planets	Breakout Room A: Atmospheres Breakout Room B: Finding New Planets
4:00 -			Free discussion time in gather spaces	Any gather space
4:10	Among Us		Game THYME!	Code to be distributed in Gather chat

Tuesday, December 8th

Time (EST)	Event	Presenter	Topic/Title	“gather” Location (Zoom Address)
1:00 - 1:35	Invited Talk	George Zhou	“Towards the age-obliquity relationship”	Keynote
1:35 - 1:55	Plenary Talk	Rayna Rampalli	“Examining Rotation Period and Light Curve Evolution for Low-Mass Stars in Praesepe”	Keynote
1:55 - 2:10	Plenary Talk	Ronan Kerr	“Bayesian Identification of Young Stellar Populations in the Solar Neighborhood Using Gaia DR2”	Keynote
2:10-2:40	Rosemary Splinter		Planet Demographics Planet Ages	Breakout Room A: Planet Demographics Breakout Room B: Planet Ages
2:40-2:50	Break (10 mins)			
2:50 - 3:10	Plenary Talk	Danny Krolikowski	“Probing the formation and early evolution of planetary systems with HPF”	Keynote
3:10 - 3:30	Plenary Talk	Zoe de Beurs	"Removing Stellar Activity Signals from RVs Using Machine Learning"	Keynote
3:30 - 4:00	Thyme Splinter		Precise RV Followup	Keynote
4:00 - 4:10	Closing Remarks	Andrew Mann		Keynote
4:10 -			Free discussion time in gather spaces	Any gather space

III) Description of the THYME 2020 Program

Prior to THYME 2020

Please feel free to log into the gather.town space (maybe with a friend) to get a feel for the space and how it works. You may even bump into a fellow THYME colleague. Zoom linking functionality won't be live until Monday morning (see below).

<https://gather.town/app/54F9mHGntouvk643/THYME2020>

Credentials: *THYMEcat2020*

Monday

- Welcome Address
 - Elisabeth Newton (Dartmouth College,
 - Monday, Dec 7th 1:00 - 1:10 pm EST
 - Keynote (<https://utexas.zoom.us/j/6918169551>)

- Invited Talk
 - Luke Bouma (Princeton)
 - "Two Truths and a Lie: News from the Cluster Difference Imaging Photometric Survey"
 - Monday, Dec 7th 1:10 - 1:45 pm EST
 - Keynote (<https://utexas.zoom.us/j/6918169551>)

- Plenary Talk
 - Mackenna Wood (UNC Chapel Hill)
 - "One Star, Two Star - Monte Carlo Simulation of Unseen Binary Companions"
 - Monday, Dec 7th 1:45 - 2:05 pm EST
 - Keynote (<https://utexas.zoom.us/j/6918169551>)

- Parsley Splinter - Social THYME
 - Monday, Dec 7th 2:05-2:35 pm EST
 - For this first splinter session, we will have all of the Junior THYME members (graduate and undergraduate students) introduce themselves to the team. A simple intro, who you're working with and what you're working on will be great.
 - Keynote (<https://utexas.zoom.us/j/6918169551>)

 - After intros, we'll break out into the career-stage specific splinters:

- Breakout Room A: Junior Members (no PhDs allowed!) - (<https://utexas.zoom.us/j/7462593687>)
- Breakout Room B: Senior Members (Junior members allowed) - (<https://unc.zoom.us/j/91846944076?pwd=cndaWXVqNDNXNUJBQXBnZnFldWw5dz09> - Passcode: 308046)

Luke and George, feel free to join whichever you like!

- Plenary Talk

- Pa Chia Thao (UNC Chapel Hill)
- "Probing into the Atmospheres of Young Exoplanets"
- Monday, Dec 7th 2:50 - 3:10 pm EST
- Keynote (<https://utexas.zoom.us/j/6918169551>)

- Plenary Talk

- Keighley Rockcliffe (Dartmouth College)
- "A Lyman-alpha transit left undetected: the atmosphere and environment of K2-25b"
- Monday, Dec 7th 3:10 - 3:30 pm EST
- Keynote (<https://utexas.zoom.us/j/6918169551>)

- Sage Splinter - Atmospheres & Finding New Planets

- Monday, Dec 7th 3:30 - 4:00 pm EST
- Breakout Room A: Atmospheres - (<https://utexas.zoom.us/j/7462593687>)
- Loose Agenda:
 - Transits in Ha, He I
 - HST Proposals
- Breakout Room B: Finding New Planets - (<https://unc.zoom.us/j/91846944076?pwd=cndaWXVqNDNXNUJBQXBnZnFldWw5dz09> - Passcode: 308046)
- Loose Agenda:
 - Targets in TOI Lists
 - Vetting against association lists (BANYAN, Ronan's, Kounkel 2020)
 - TESS GO Proposals

- *End of First Day (officially, see below)*
 - Feel free hang out in the gather meeting space for as long as you like
- *Game THYME*
 - “Among Us” is the name of the game
 - See the gather chat for the private game ID
 - Have the app downloaded on your phone ahead of time

Tuesday

- *Invited Talk*
 - George Zhou (Center for Astrophysics - Harvard & Smithsonian)
 - “Towards the age-obliquity relationship”
 - Tuesday, Dec 8th 1:00 - 1:35 pm EST
 - Keynote (<https://utexas.zoom.us/j/6918169551>)
- *Plenary Talk*
 - Rayna Rampalli (Dartmouth College)
 - “Examining Rotation Period and Light Curve Evolution for Low-Mass Stars in Praesepe”
 - Tuesday, Dec 8th 1:35 - 1:55 pm EST
 - Keynote (<https://utexas.zoom.us/j/6918169551>)
- *Plenary Talk*
 - Ronan Kerr (UT-Austin)
 - “Bayesian Identification of Young Stellar Populations in the Solar Neighborhood Using Gaia DR2”
 - Tuesday, Dec 8th 1:55 - 2:10 pm EST
 - Keynote (<https://utexas.zoom.us/j/6918169551>)
- *Rosemary Splinter - Planet Demographics & Planet Ages*
 - Tuesday, Dec 8th 2:10-2:40 pm EST
 - Breakout Room A: Planet Demographics - (<https://utexas.zoom.us/j/7462593687>)
 - Loose Agenda:

- Planet occurrence as a function of age
 - Planet properties as a function of age
- Breakout Room B: Planet Ages -
(<https://unc.zoom.us/j/95088232366?pwd=bmZ0VnhiNEpJV1ZWQkQwaTdJZ3RYZz09> - Passcode: 687238)
- Loose Agenda:
 - Ages for known TOIs
 - FriendFinder Prospects
- Plenary Talk
 - Danny Krolikowski (UT-Austin)
 - "Probing the formation and early evolution of planetary systems with HPF"
 - Tuesday, Dec 8th 2:50 - 3:10 pm EST
 - Keynote (<https://utexas.zoom.us/j/6918169551>)
- Plenary Talk
 - Zoe de Beurs (UT-Austin)
 - "Removing Stellar Activity Signals from RVs Using Machine Learning"
 - Tuesday, Dec 8th 3:10 - 3:30 pm EST
 - Keynote (<https://utexas.zoom.us/j/6918169551>)
- Thyme Splinter - Precision RV Followup
 - Tuesday, Dec 8th 3:30 - 4:00 pm EST
 - Keynote (<https://utexas.zoom.us/j/6918169551>)
 - Loose Agenda:
 - Upcoming proposals (NEID, HFP, PARVI, MAROON-X)
 - Southern sky access (HARPS?)
 - Potential RM measurements
- Closing Remarks
 - Andrew Mann (UNC Chapel Hill)
 - Tuesday, Dec 8th 4:00 - 4:10 pm EST
 - Keynote (<https://utexas.zoom.us/j/6918169551>)

- End of THYME 2020
 - Feel free hang out in the gather meeting space for as long as you like

IV) An introduction to the THYME 2020 gather.town space

Our conference will primarily take place over zoom, but in an effort to combat zoom fatigue while recreating certain aspects of an in-person meeting, we have created a virtual space with gather.town. You can access the THYME 2020 virtual meeting space at the following link:

<https://gather.town/app/54F9mHGntouv643/THYME2020>

Credentials: *THYMEcat2020*

What is Gather?

The easiest way to get a feel for it is to just log in, but here's a blurb from their website.

Gather provides virtual spaces for people to interact more effectively online. Their spaces combine video-calling with a 2D map, letting you walk around and talk to the other people right next to you.

In essence, it is a 2D conference hall map. You have an avatar that allows you to move around in the space. When you are near other people's avatars, you can interact with them (see each other's video, hear each other's audio). Certain rooms (Keynote, Breakout Room A, Breakout Room B) will allow you to (hopefully) seamlessly enter the zooms for Plenary and Splinter sessions.

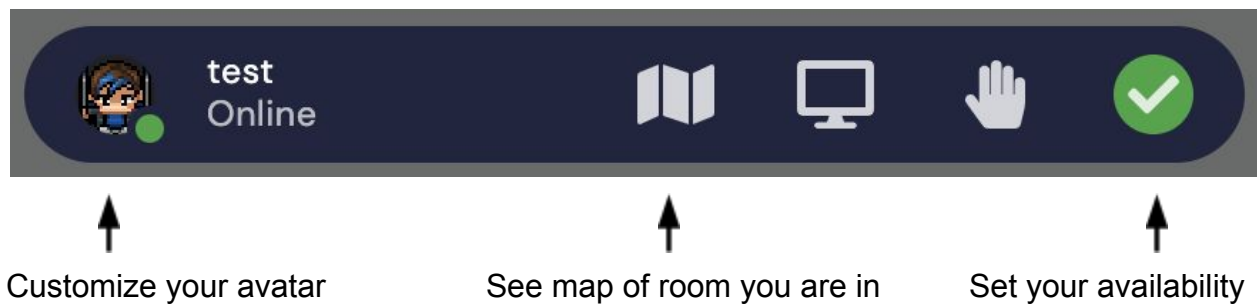
Logging In and Basics:

When you log in, use the password above. You enter the space by providing your name and specifying your video and audio preferences. Once in, you are provided with a tutorial. If you click "skip tutorial," here are the basics.

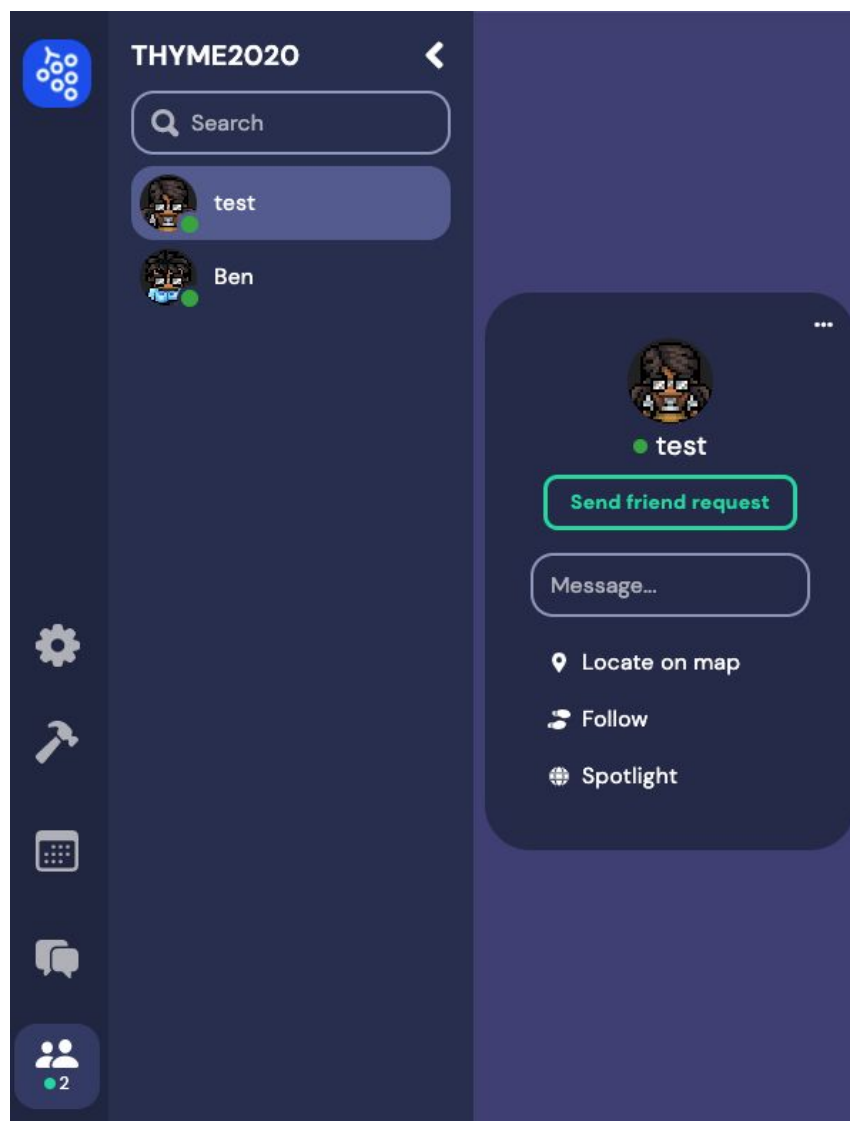
Movement:

- Arrow keys or WASD
- In tightly packed spaces, press g to walk through people (ghost mode)

Your Toolbar:



Your Side Bar:



In this example, I am “Ben” and another participant is “test”.

“Locate on map” - will highlight a path on the map from me to “test”

“Follow” - Too lazy to follow a highlighted path? Click “Follow” to have your avatar move independently toward another. You will remain stuck on this avatar until you move independently (press arrow key).

Pro Tip: Don’t be that clingy meeting attendee!

The Chat icon in the bottom left will open up a panel to chat with individual people or everyone in the meeting space.

Private Areas:

With many people nearby, it can be difficult to have a one-on-one conversation. By stepping onto a private space, you will only be able to interact with people in the same private space. Private spaces are circled in the image below. Similar floor coloring signifies private areas in other rooms as well. A message above your Toolbar will let you know when you enter a private space.



Rooms:

Foyer:

- You enter here the first time you log in. Each table in this room has a copy of this document.

Main Hall:

- A large room to bump into people.

Keynote:

- Where all of the Invited and Plenary talks will take place, as well as some of the Splinter sessions.

- In this room, pressing the “x” button will take you to zoom where the talks will take place. (Zoom linking functionality won’t be live until Monday morning.)

Breakout Room A:

- In this room, pressing the “x” button will take you to zoom where the relevant Splinter discussion will take place. (Zoom linking functionality won’t be live until Monday morning.)

Breakout Room B:

- In this room, pressing the “x” button will take you to zoom where the relevant Splinter discussion will take place. (Zoom linking functionality won’t be live until Monday morning.)

Breakout Room C:

- An extra meeting room with a virtual white board.

Lounge:

- A large space with many private areas. Great for discussions.

Poster Hall:

- A place to view posters. Each poster has a PDF that can be loaded with the “x” button. The area around each poster is a private area.
- No posters will be presented in THYME 2020.

V) THYME 2020 Participants

Name	Email	Institution
Ben Tofflemire	tofflemire@utexas.edu	UT-Austin
Elisabeth Newton	elisabeth.r.newton@dartmouth.edu	Dartmouth College
Andrew Vanderburg	avanderburg@wisc.edu	Wisconsin
Aaron Rizzuto	arizz@astro.as.utexas.edu	UT Austin
Andrew Mann	awmann@unc.edu	UNC Chapel Hill
Zoe de Beurs	zdebeurs@utexas.edu	University of Texas at Austin
Pa Chia Thao	pachia@live.unc.edu	UNC Chapel Hill
Dylan Owens	dylowens@live.unc.edu	UNC Chapel Hill
Keighley Rockcliffe	keigh.rockcliffe@gmail.com	Dartmouth College
Madyson Barber	madysonb@live.unc.edu	UNC at Chapel Hill
Rayna Rampalli	rayna.rampalli.gr@dartmouth.edu	Dartmouth
Matt Fields	mjfields@live.unc.edu	UNC-CH
Marshall Johnson	mjohnson@lco.global	Las Cumbres Observatory
Aylin Garcia Soto	aylin.garcia.soto.gr@dartmouth.edu	Dartmouth College
Mackenna Wood	woodml96@live.unc.edu	UNC Chapel Hill
Adam Kraus	alk@astro.as.utexas.edu	UT-Austin
Stephen Schmidt	sps@live.unc.edu	UNC-Chapel Hill
Ronan Kerr	rmpkerr@utexas.edu	University of Texas at Austin
Danny Krolikowski	krolikowski@utexas.edu	UT Austin
Reilly Milburn	rmilburn@live.unc.edu	UNC Chapel Hill
Jonathan Bush	jlbush23@live.unc.edu	UNC - Chapel Hill
George Zhou	george.zhou@cfa.harvard.edu	CfA - Harvard & Smithsonian
Luke Bouma	luke@astro.princeton.edu	Princeton