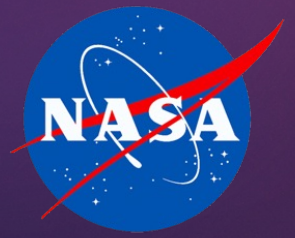
29 JULY 2022

Sagan Summer Workshop Wrap Up: Our First Hybrid Workshop!



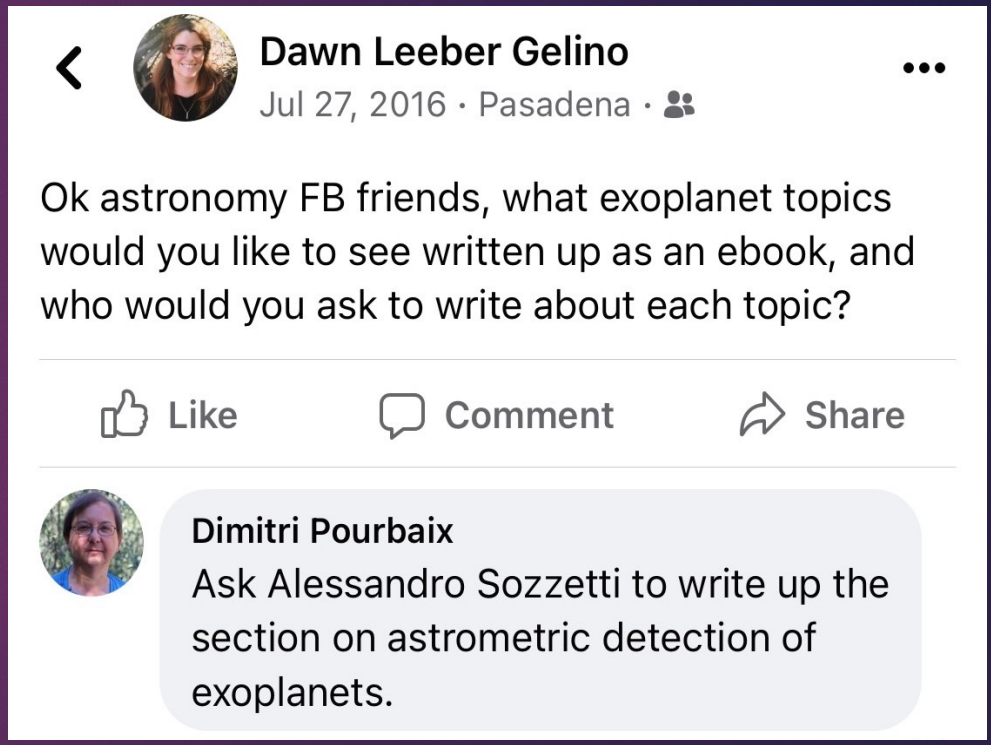
Caltech

This workshop is dedicated to

the memory of Dimitri Pourbaix, a key contributor to the Gaia mission and the field of astrometry.

He was the inspiration behind this year's workshop topic.

He is greatly missed.



Feedback Survey & Resources

- Please fill out the feedbacksurvey:

  tinyurl.com/sagan22

- Videos of the presentations are posted both on the workshop agenda page and on our Sagan Summer Workshop You Tube channel
  - Includes the past 8 years of workshop videos!

2022 Sagan Summer Workshop Feedback Survey

I am a

- ○ Undergraduate Student
- ○ Graduate Student
- ○ Postdoc
- ○ Staff
- ○ Professor

Sagan Summer Workshop

1.95K subscribers

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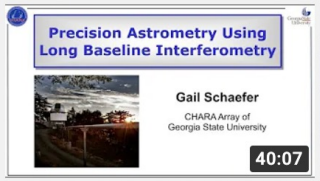
Uploads

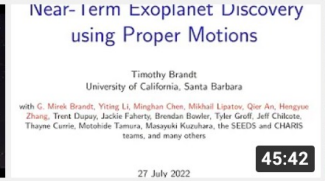


G. Schaefer: Micro-arcsecond Precision Astrometry Using...

11 views • 11 hours ago

E. Broman: Exoploring Exoplanets in Open Space

24 views • 11 hours ago

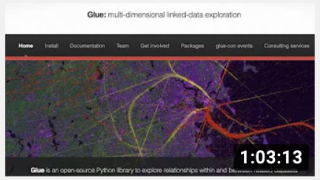


T. Brandt: Near-Term Exoplanet Discovery using...

14 views • 11 hours ago

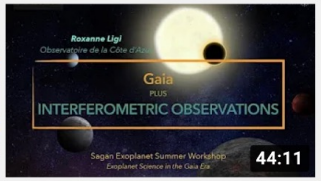
A. Sozzetti: Gaia Exoplanet Survey: The Astrometry...

14 views • 11 hours ago



Tuesday Hands-on Session: Visualizing Gaia Data

50 views • 1 day ago



R. Ligi: Gaia plus Interferometric Observations

16 views • 1 day ago

M. Kounkel: Kinematic Identification of Stellar...

18 views • 1 day ago

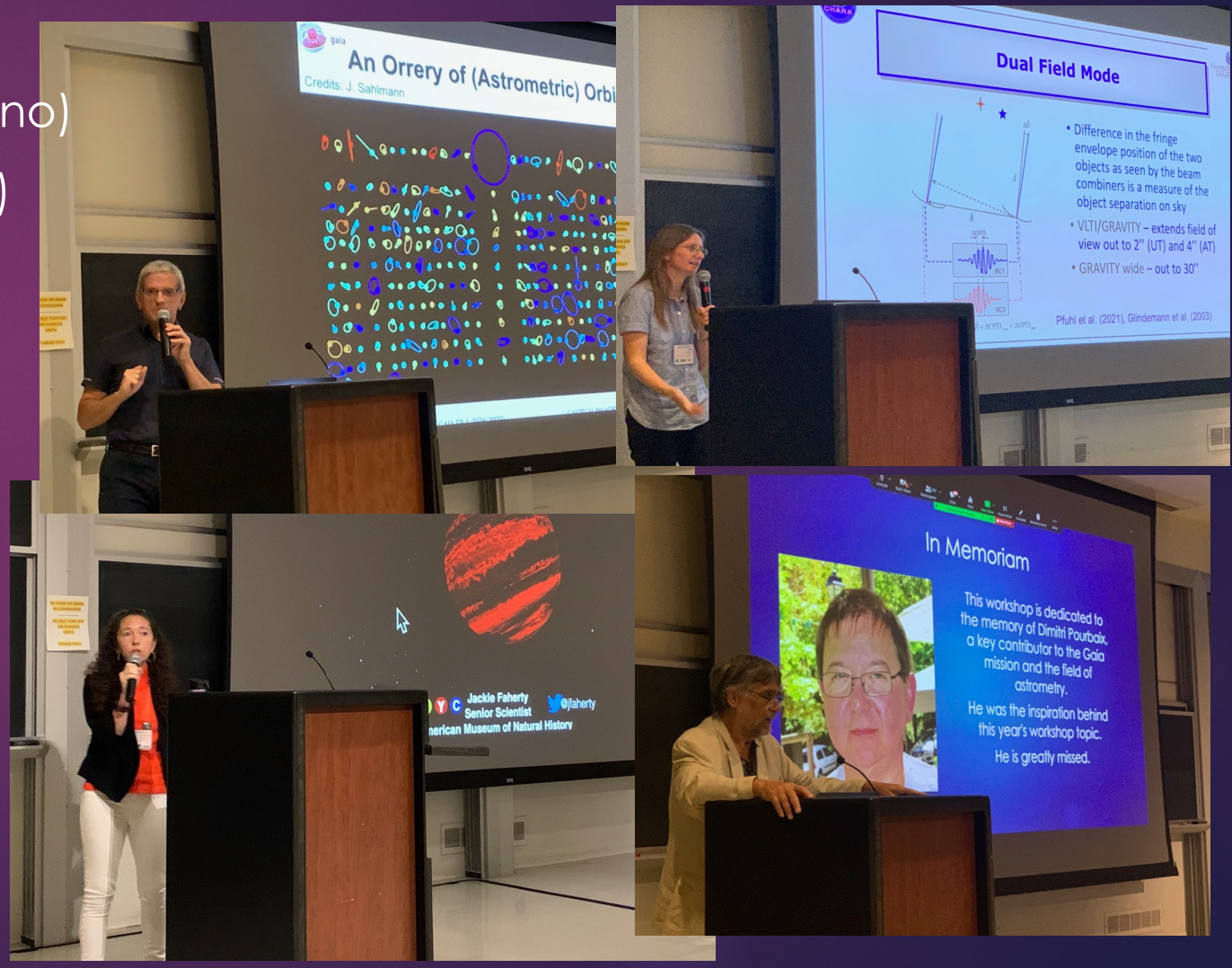
M. Ness: Galactic Kinematics and Statistical Stellar Ages

13 views • 1 day ago

Many Thanks…

…to the SOC for a great agenda and choice of diverse and dynamic speakers:

- Jackie Faherty, Co-Chair (AMNH)
- Alessandro Sozzetti, Co-Chair (INAF-Torino)
- Frédéric Arenou (Observatoire de Paris)
- Chas Beichman (Caltech/IPAC-NExScI)
- Tim Brandt (UCSB)
- Anthony Brown (Leiden Observatory)
- Elise Furlan (Caltech/IPAC-NExScI)
- Dawn Gelino (Caltech/IPAC-NExScI)
- Lynne Hillenbrand (Caltech)
- Eric Mamajek (JPL)
- Aki Roberge (GSFC)
- Gail Schaefer (CHARA)



...to those behind the scenes...

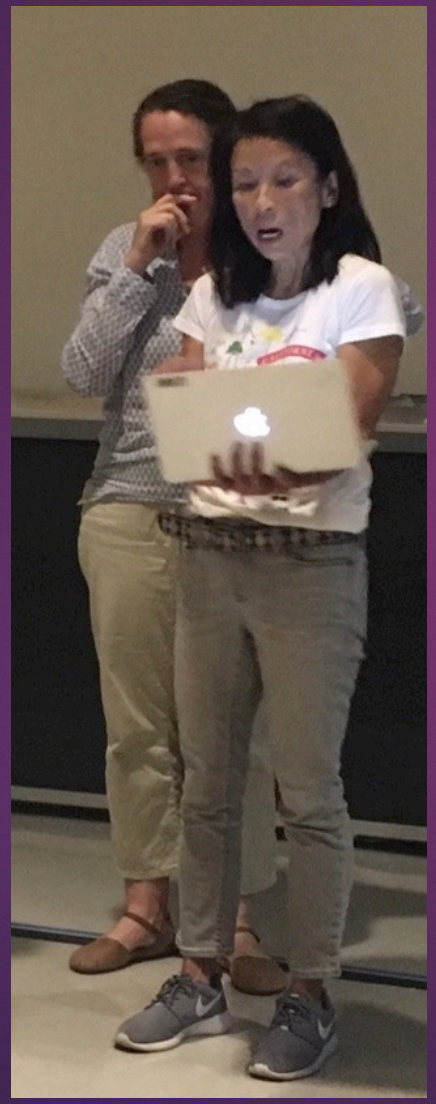
NExScI Science Affairs Team

- **Ellen O'Leary**
- **Elise Furlan**
- Megan Crane
- Melanie Swain
- Dawn Gelino
- Tracy Chen
- Rich Terrile

...to those behind the scenes...

IPAC/Caltech

- Wendy Burt
- Mari Castillo
- Alice Hang
- Alex Hui
- Niles McElveney
- Teresa Molano
- Daniel Pina-Muro
- Nancy Solis



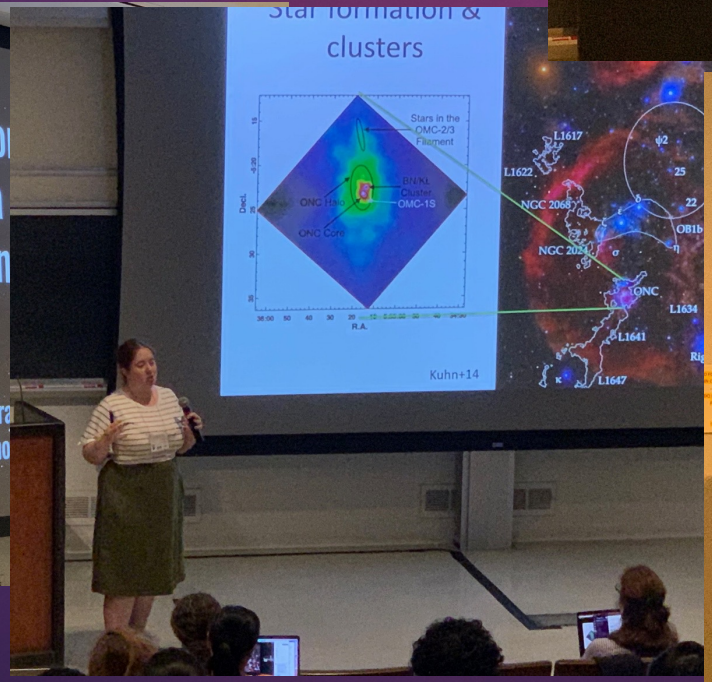
Caltech

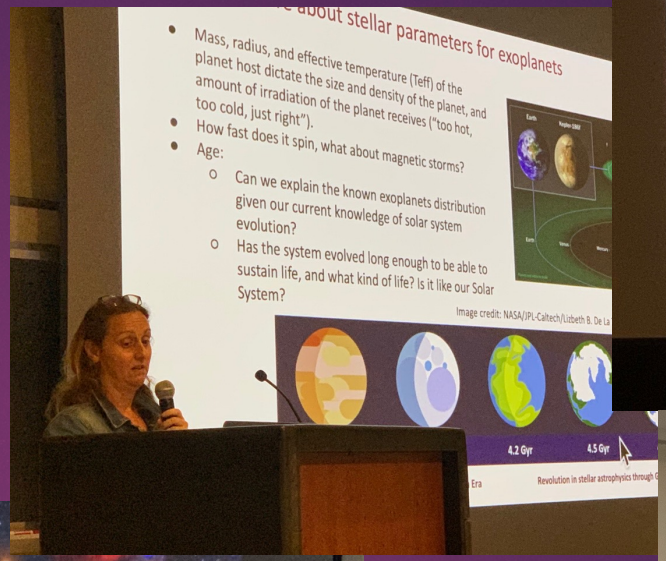
- Laurel Auchampaugh (Baxter/HSS)
- Cecilia Lu (Dabney/HSS)
- Becca Rose (Academic Media Technologies)

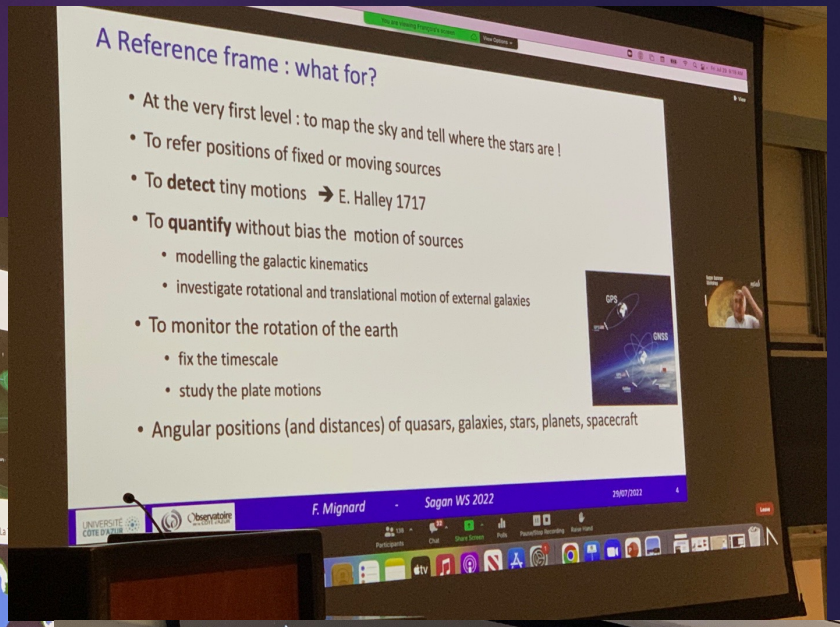
...to our Speakers...

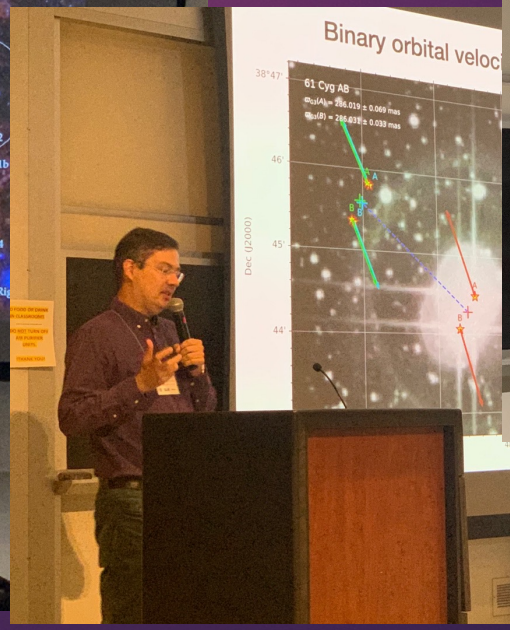
Thank you for:

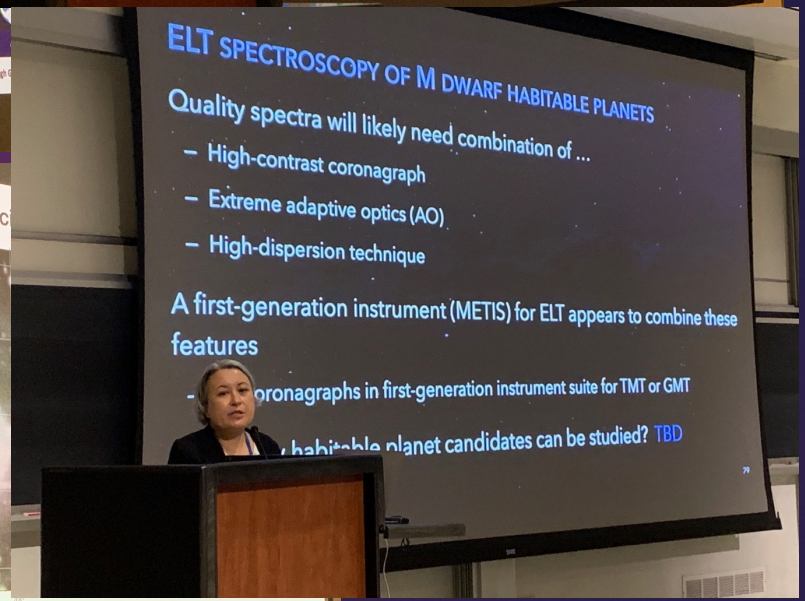
- Your *excellent* talks
- Answering questions in Slack
- Participating in both in-person and remote "lunches" with



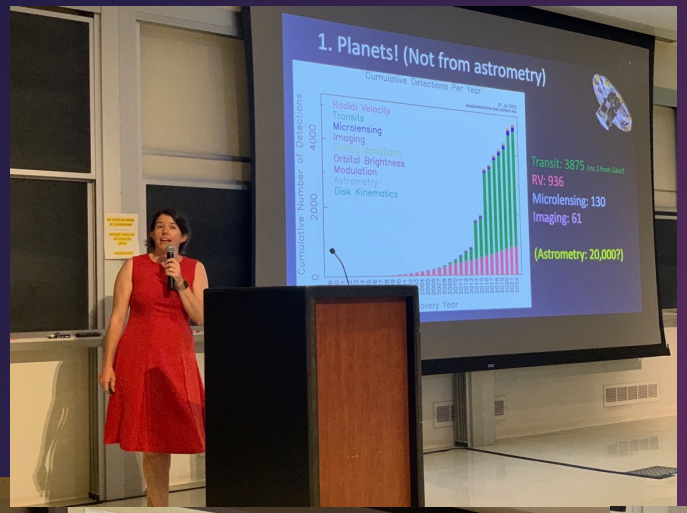


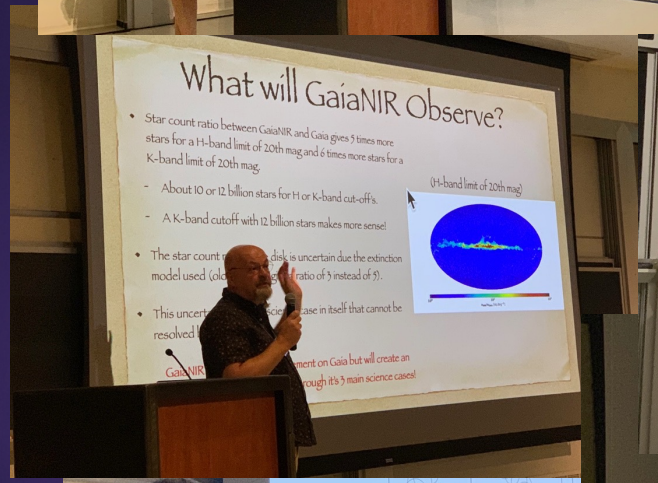


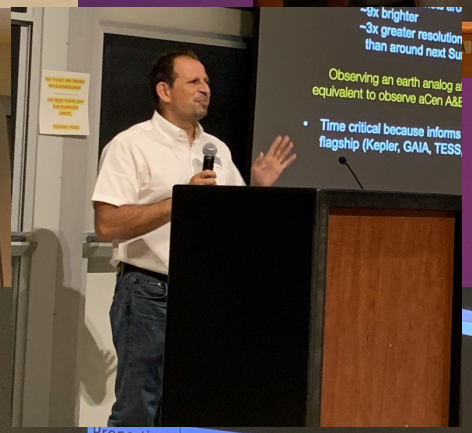


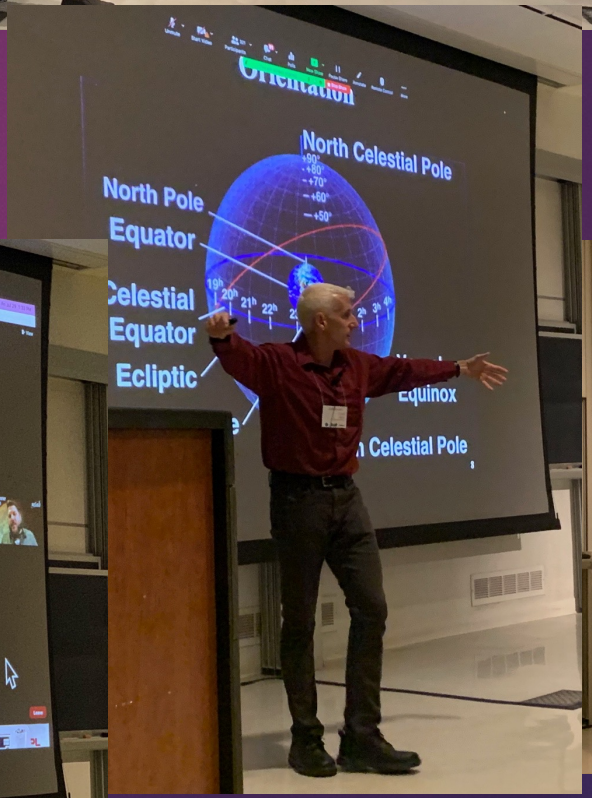


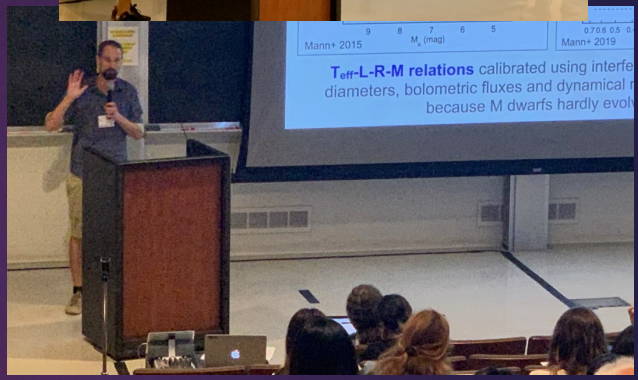
...to our Speakers...

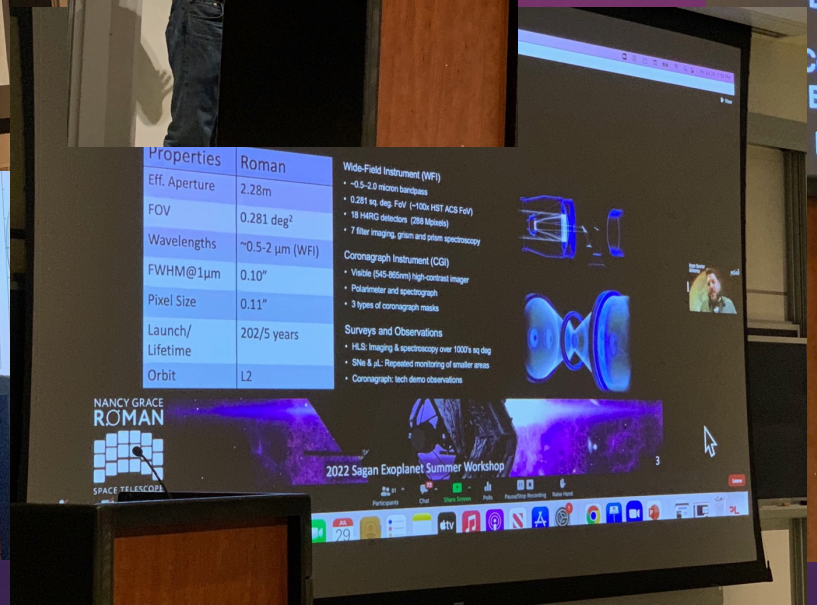








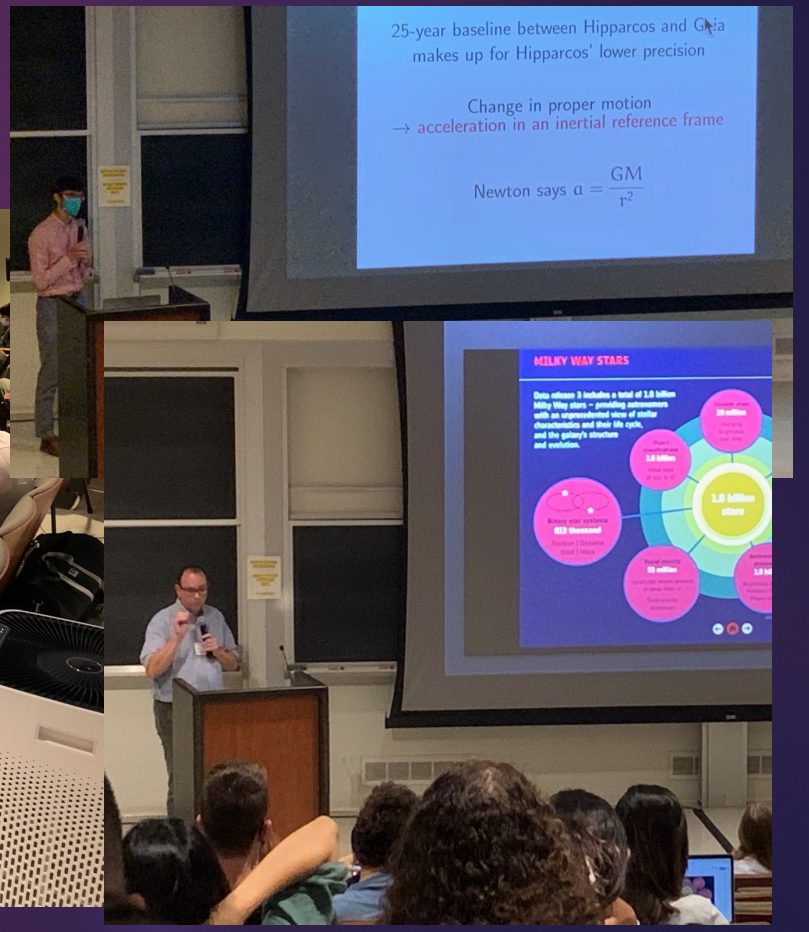




...and to our Hands-on Session Leaders!

The preparation and technical support in getting ready for the hands-on sessions would not have been possible without the dedicated help from:

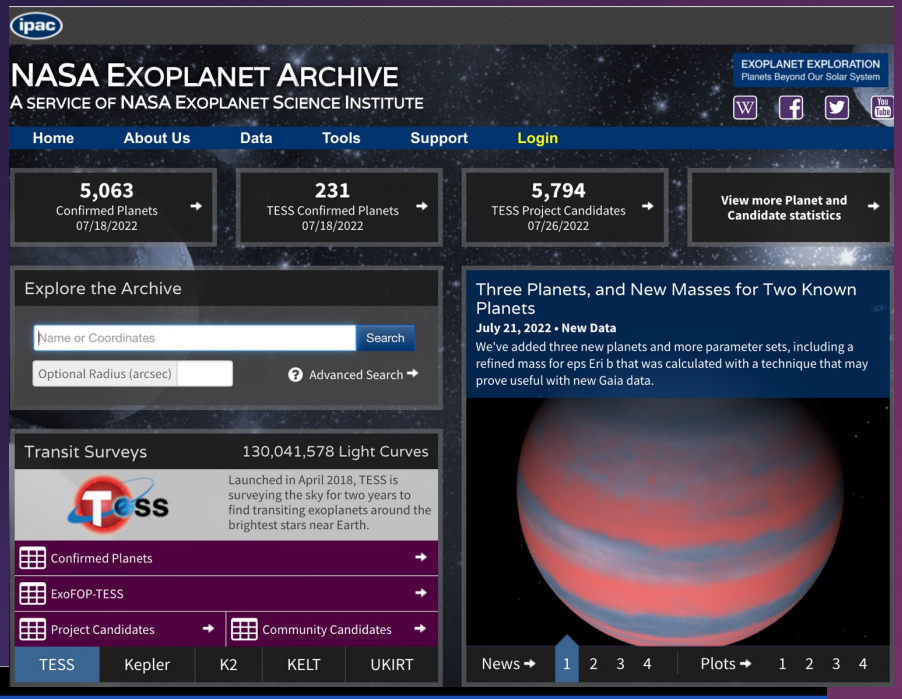
- Tim Brandt
- Anthony Brown
- Jackie Faherty
- Alessandro Sozzetti
- Elise Furlan
- Melanie Swain

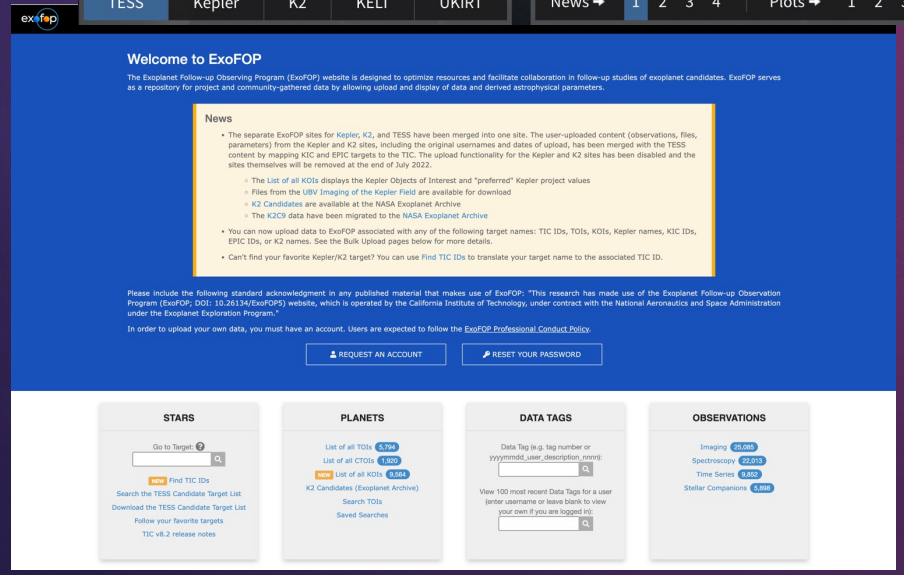


...and to our Hands-on Session Helpers!

- Ummi Abbas
- S M Rafee Adnan
- Qier An
- Stefano Bertone
- Mirek Brandt
- Hemanth Bommireddy
- Orlagh Creevey
- Louis Desdoigts
- Tara Fetherolf
- Xuan Ji
- Daisuke Kawata
- Rena Lee
- Yiting Li
- Matteo Pinamonti
- Kendall Sullivan
- Shih-Yun Tang
- Alexander Venner
- Daniel Yahalomi

NASA Exoplanet Archive/ExoFOP





NASA Exoplanet Archive

- The premiere exoplanet database of confirmed planets and candidates
- Over 5,000 exoplanets with more than 29,000 planetary system solutions
- Kepler, K2, and TESS candidates
- All Kepler high level products
- Transit data: 100 million light curves
- Tools to work with data
- exoplanetarchive.ipac.caltech.edu

Exoplanet Follow-up Observing Program (ExoFOP)

- The premiere web service to share exoplanet follow-up observations, data, and notes
- Kepler, K2, and TESS sites merged into one site
- More than 60,000 observations and over 1 million files uploaded by users
- Over 1,300 registered users
- exofop.ipac.caltech.edu

NASA-Keck Time

- Access to ~47 nights/semester spread over the two 10m telescopes in Maunakea, HI
- Astronomers based at any U. S. institutions may apply as a PI; Co-Is may be international
- Proposals are evaluated for NASA strategic relevance and proposed science goals
- Twilight, Cadence, and Target of Opportunity proposals accepted
- Financial support for successful PIs, contingent upon NASA funding
- Proposals for 2023A due September 15, 2022
  - Call for Proposals will be posted mid-August
  - Will continue to use the Dual Anonymous Proposal Review process
- Stay tuned for joint NASA Keck/JWST program!

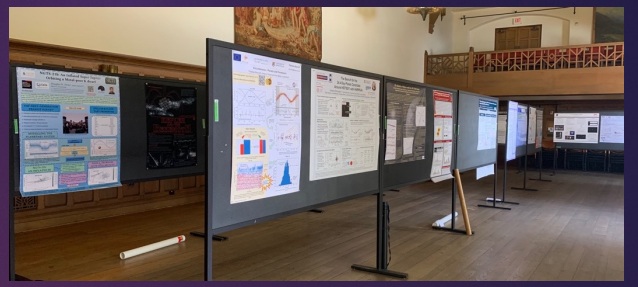
https://nexsci.caltech.edu/missions/KSA

NASA Hubble Fellowship Program (NHFP)

- For independent research related to the goals of NASA Astrophysics
  - Observational, theoretical, experimental, or instrumental
  - Within 4 years of your PhD
  - Applicants can be from *anywhere* around the world, but must serve their fellowship at a US institution
  - Fellows named Sagan, Hubble, or Einstein depending on their field of study
- Call for applications online in early September 2022
- 2023 applications are due November 3, 2022

https://nexsci.caltech.edu/sagan/fellowship.shtml

Reminders



- Certificate request website is now available
  - Certificates will be sent to those who have requested them no earlier than late August, so please be patient!
  - https://catcopy.ipac.caltech.edu/ssw/certificate.php
- Submit your headshot to be part of the on-line Class Photo
  - August 19 deadline
  - https://catcopy.ipac.caltech.edu/ssw/enter_photo.php

- Gather will remain open until August 12, so continue to check out posters there or on the workshop website
- Slack will remain open, but messages older than 90 days will not be accessible
  - If you are still working on the hands-on sessions, please search in the relevant channels for answers to your questions. There are many answers in there!

Thank You In-Person & On-line Attendees!

- This would not be a success without your interactions and involvement in asking questions and working on the hands-on sessions
- Spread the word (#sagan2022) if you enjoyed and learned something from this year's workshop!

- Feel free to keep interacting on Slack
- Check out the posters on the website/Gather and ask your questions in Slack
- Submit your headshot to be part of the Class Photo
- Fill out the survey: tinyurl.com/sagan22

2021 Class Photo

2022 Class Photos!