



# Welcome!

Local (remote) Organizing Committee:  
Brad Benson, Lindsey Bleem, John Carlstrom, Tyler Natoli

# Workshop Goals

To advance CMB-S4, both the science and the community

- Science: engage with the broad community that is addressing science topics similar to those being pursued with CMB-S4, but using different techniques. We will discuss how CMB-S4 measurements can be used to advance these science topics in unique and complementary ways, and work on exploring powerful joint analysis of CMB and other probes.
- Community: raise awareness of systemic racism in general, as well as in our field and in our actions. We most strongly encourage all of you to participate in the next plenary session, ***Let's Talk about Anti-Racism***.
- Community: support the advancement of our Junior Scientists. We are looking forward to hearing their presentations in the Friday JSAC plenary sessions.

# Structure of Science Programs

The science programs (Tue, Wed, Thu) are organized by two Rapporteurs, an expert from outside our collaboration and one from CMB-S4 collaboration. The structure of each science program is as follows:

- a short (15+5 min) presentation by the CMB expert in the morning plenary session, to provide an overview of how CMB-S4 contributes to the science area, followed by
- a parallel session (90 min) to discuss the larger context, including the complementarity of CMB-S4 with other probes, and to explore joint analysis of CMB and other probes, followed by
- a longer (20 +10 min) presentation by the non-CMB Rapporteur in the afternoon plenary session, giving their vision of the field in the 2030's and how CMB-S4 measurements will play a role, including what they learned during the preceding parallel session.

Please contact the organizers for the science sessions in which you would like to participate.

# Education and Outreach Event

- EPO Event Tuesday 5pm PDT / 7pm CDT / 8pm EDT
  - **“A Scientist Walks Into a Bar”** featuring our own Kimmy Wu and Renée Hložek
  - A Zoom/Twitch stream hosted virtually by Kate Golembiewski at the legendary Chicago music venue “The Hideout”. Discussion will include TV static, bird poop, dark matter, CMB, and of course CMB-S4.
  - Afterparty with small zoom discussions between audience members and CMB-S4 scientists.
  - Please register [here](#) to attend and/or participate! (There is no charge for the event-you will see a "tip" feature and a suggested donation of \$10 when you tune in, but that is being covered by the collaboration.)
  - Organized by Tom Crawford

# Junior Scientist Advancement Committee (JSAC) events

- Junior Scientist Talks
  - Two Plenary Sessions of short talks Friday morning
- Social/Networking Events (sponsored by JSAC, all are encouraged to join)
  - Monday 1pm PDT / 3pm CDT / 4pm EDT
    - Social Hour with 4 different themed zoom rooms
  - Friday 1:30pm-3pm
    - Social Hour with various zoom breakout rooms

# Group photo!

- Tuesday after first afternoon Plenary talk  
1pm PDT / 3pm CDT / 4pm EDT

For the “photo”, please turn your zoom video on with your name listed

# Communications and online etiquette

- Be patient and respectful - a code of conduct applies to remote meetings too.
- Sign in with your full name so other participants know who you are.
- Zoom
  - Mute yourself except to speak
  - Use the “raise hand” button when you would like to contribute
  - Chat function (one-to-one or broadcast)
- Slack
  - slack channel #chicago2020 (for help/invitation - [ibleem@anl.gov](mailto:ibleem@anl.gov))
- Two Social interaction rooms available (live for the entire meeting, but not moderated, 50 people max per room; case sensitive password for both rooms: **cmbs4**)

[Room 1](#)

[Room 2](#)

# Code of Conduct

Treat all of your colleagues with respect, both as scientists and as people.

Actively promote an inclusive environment.

As we are hosted, albeit remotely, by UChicago and the KICP, during the meeting each participant is expected to adhere at all times to the values expressed by the [University of Chicago's policy on Freedom of Expression](#) and the [KICP Community Values](#)

In case of violations or concerns contact:

- Ombudspeople Renée Hložek and Greg Tucker [ombudspeople@cmb-s4.org](mailto:ombudspeople@cmb-s4.org)
- Or the local organizing committee (Brad Benson, Lindsey Bleem, John Carlstrom, Tyler Natoli) at [loc@cmb-s4.org](mailto:loc@cmb-s4.org) or individually.



# Logistics


As always we will run and document the workshop using the public CMB-S4 [UChicago - 2020 Workshop Wiki](#).

- All sessions have their zoom link identified on the workshop. The exception is today's "Let's talk about Anti-Racism" session, which will be emailed to all registered participants during the break before the session. Register [here](#) now if you have not done so already!
- All zoom sessions except the "Let's talk about Anti-Racism" session will be recorded and posted to the wiki.
- All sessions will have a convenor/chair watching for raised hands (can also mute/unmute, "name" connections, ... )
- All parallel science sessions will have a scribe keeping notes, and all participants are encouraged to edit as well:
  - Each parallel session will use shared google doc so all participants can contribute in real time (to be copied to the session wiki page afterwards)

# Thanks

Many thanks are due to:

- The scientific organizing committee:
  - Z. Ahmed, N. Battaglia, L. Bleem, J. Borrill, J. Carlstrom, C. Chang, S. Clark, A. Crites, S. Ferraro, L. Knox, E. Linder, J. Meyers, A. Slosar, A. Vieregg, J. Vieira & N. Whitehorn
- The Rapporteurs and Science Session organizers, esp our non-CMB-S4 Rapporteurs:
  - Risa Wechsler, Kate Alexander, Laura Fissell, Peter Graham, Anthony Gonzalez, Steve Furlanetto, Bryce Littlejohn & Matt McQuinn
- Junior Scientist Advancement Committee, esp Darcy Barton and Martin White, and the many presenters at the JSAC Junior Scientist Talk sessions on Friday
- Education and Outreach Committee, esp Colin Bischoff and Tom Crawford
- All the parallel session participants



**And thanks to all of you for participating!**  
**We are looking forward to a great workshop.**