



# Workshop Closeout

**CMB-S4 co-spokespeople  
Julian Borrill & John Carlstrom**

# Another successful CMB-S4 workshop

We continue to advance CMB-S4. The science case becomes more exciting each year, the Collaboration continues to grow, and the progress on the Project continues to accelerate.

## This workshop

- Engaged the broader community with 427 registered participants
  - 214 collaboration & project team members; 213 friends
  - 134 institutions in 23 countries
- Strengthened the Science Case and its synergy with other surveys
  - Excellent sessions on 8 science topics and 1 on snowmass planning
  - Showed the breadth of CMB-S4 science. It is spectacular and clearly merits a 2nd edition of the CMB-S4 Science Book
- Developed our community
  - 3rd in our series of dedicated EDI workshop events
  - Introduction of our new EDI committee
  - JSAC events
  - EPO events (congratulations to the Karsh Stem scholars)

# Next steps

- Finish the Preliminary Baseline Design Report, for November Director's Review
- We are anticipating a favorable outcome from the ASTRO 2020 (soon?) and the resulting big boost that would have for CMB-S4, especially for engaging NSF
- Anticipating increased FY22 DOE project funding to allow CD-1 in FY22; and NSF funding to take us from Preliminary Design to Final Design.
- Snowmass is restarting...
- It is not too early to start planning for next Summer's science-oriented workshop!

# Get involved

- Provide workshop feedback and thoughts for next summer's meeting by filling out survey now (see email from LOC); email [spokespeople@cmb-s4.org](mailto:spokespeople@cmb-s4.org)
- Help Science Council and Analysis Working groups advance CMB-S4 science case and finish the PBDR
  - Watch for upcoming Junior Scientist event to advertise AWG tasks that need person power
  - Contact the SC at [sc@cmb-s4.org](mailto:sc@cmb-s4.org)
- Get involved in [Snowmass](#), watch for upcoming announcements
- Join the [EPO](#) and [EDI](#) open committees (contact EDI Chair Sara Simon)
- Volunteers for talks; propose projects (See [Speakers Bureau and Publications Board](#))
- Consider running for elected office and volunteering for committees
- It is not too early to start planning for next Summer's science-oriented workshop! (contact [spokespeople@cmb-s4.org](mailto:spokespeople@cmb-s4.org) if you would like to participate in the SOC 2022)

# A vision of CMB-S4 one year from now

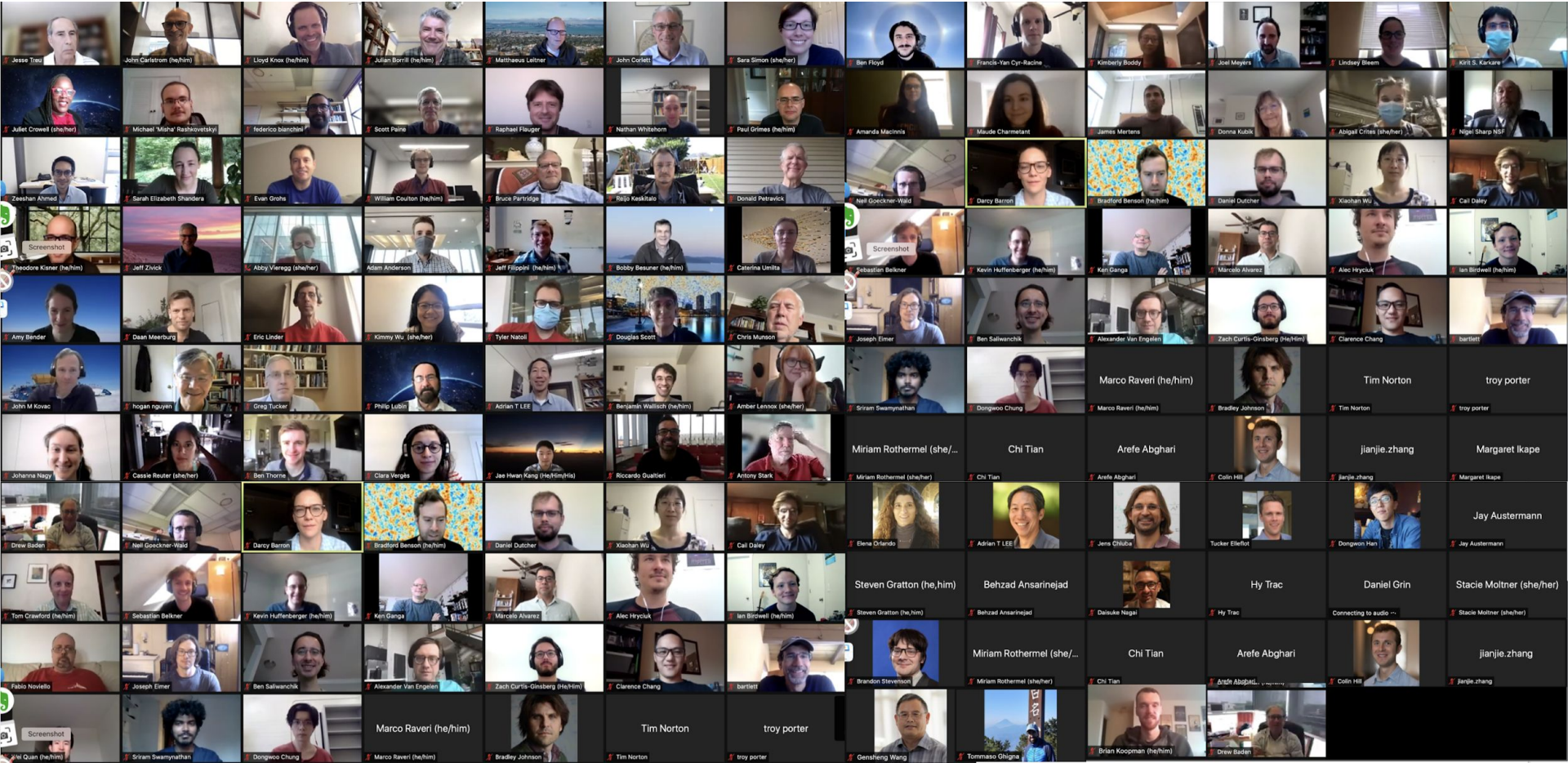
- The new CMB-S4 co-spokespeople and ET are injecting new energy into the collaboration
- We are having an in-person workshop, with many people also participating remotely seamlessly from across the world. The early start to the workshop planning is clearly paying off.
- Owing to increased funding and favorable ASTRO 2020 report, the Project and agencies are well prepared for imminent agency gate reviews (DOE CD-1, NSF PDR).
- The CMB-S4 colloquium at Snowmass Community Summer Meeting in Seattle just blew everyone away. CMB-S4 is deemed by all to be a must do experiment that delivers unique fundamental science and bolsters the suite of CF experiments. P5 will love it. And Snowmass makes a strong case for DOE theory support.
- The PBDR is finished with the instrument design well understood. The collaboration has embarked on the much anticipated 2nd Edition of the Science Book.

# Back to today...

## Let's thanks those that made this meeting so enjoyable

- Science Session Organizers, Session contributors
- Poster & fireslide presenters
- Session conveners, chairs, note-takers, chat-monitors & tech-wranglers
- Equity, Diversity & Inclusion session leads, and our new EDI committee
- Scientific organizing committee
- Local organizing committee
- Education & Public Outreach organizers and contributors (especially Juliet Crowell)
- Junior Scientist Advancement event organizers (especially Darcy Barron)
- and most of all ...

# thank you!





Any last questions / comments?

Otherwise, let's continue the discussion in [gather.town](https://gather.town)