



**Committee on Astronomy and Astrophysics Fall Meeting  
October 6-7, 2025**

**TUESDAY, OCTOBER 7, 2025**

**OPEN SESSION**

Livestream: <https://vimeo.com/event/5409074>

- 11:45 AM**      **Panel on Astro2020 Priorities for Cosmic Microwave Background Science**  
Panel Description: In light of the DOE and NSF decision to no longer support the Cosmic Microwave Background Stage 4 (CMB-S4) project, what actions can be taken to make progress on Astro2020 CMB science goals? What are the challenges and opportunities for making progress on these goals through coordination and upgrades to existing experiments? *(10 minute presentations & 35-minute discussion period)*  
**Panelists:**                      **Dr. Kevin Huffenberger**, Co-Spokesperson, CMB-S4 Collaboration  
   **Dr. Bradford Benson\***, Director of Operations SPT-3G, PI SPT-3G+  
   **Dr. Chao-Lin Kuo\***, Principal Investigator, BICEP3  
   **Dr. Jo Dunkley\***, Spokesperson, Simons Observatory
- 1:00 PM*                      *Working Lunch for Members, Speakers, and Invited Guests*
- 2:00 PM**                      **Update on the Rubin Observatory:**                      **Dr. Robert Blum\***, Operations Director  
   **from First Look to Operations**                      **Dr. Phillip Marshall\***, Deputy Director of Operations  
*(25-minute presentation and 20-minute discussion)*                      Rubin Observatory
- 2:45 PM**                      **Panel on NSF-Simons AI Institutes for Astronomy**  
Panel Description: Speakers will provide an overview of two new National Artificial Intelligence (AI) Research Institutes, including a discussion of the opportunities for AI to enable discovery in the astronomical sciences and the broader applications of AI tools originally developed for astronomy. *(20-minute presentations and 20-minute discussion)*  
**Panelists:**                      **Dr. Stella Offner\***, Director, NSF-Simons AI Institute for Cosmic Origins  
   **Dr. Vicky Kalogera\***, Director, NSF-Simons AI Institute for the Sky
- 3:45 PM*                      *Break (15 minutes)*
- 4:00 PM**                      **Operations Update and Science Highlights**                      **Dr. Christoph Keller**, Director  
   **from the Daniel K. Inouye Solar Telescope (DKIST)**                      National Solar Observatory  
*(25-minute presentation and 20-minute discussion)*
- 4:45 PM**                      **Closing Comments by the Committee**                      **Dr. Rachel Osten & Dr. John O'Meara**  
*(15-minute discussion period)*                      CAA Co-Chairs
- 5:00 PM*                      *Adjourn to Closed Session*

**IMPORTANT NOTES**

**Presenters:**

- Please do not include unpublished data, ITAR-controlled or sensitive information in your presentation.
- A National Academies Board staff member will ask you to sign a form before the meeting allowing us permission to use your likeness and presentation for our livestream video, which will be posted on our Board website after the meeting. Please get in touch with us before the meeting if you have any concerns about this usage.

**Members and Presenters:**

- Remote access will be provided through Zoom. This will allow you to participate in the meeting even if you can't be physically present.
- Please note that Zoom allows audio and any materials exchanged or viewed during the session to be recorded and shared.
- By participating in this activity, you agree to let your voice, likeness, and any materials you provide be recorded for use and dissemination. This includes any language, format, or media now known or later devised.
- You release the National Academies of Sciences, Engineering, and Medicine from any and all claims, liability, or damages arising from any such use. If you disagree, please do not join the session.

**Members of the General Public:**

- Remote access will be provided through a live stream on Vimeo. This will also be publicly available and posted on the Board website. You do not need to register.

**Thank you all for your cooperation, and we look forward to a successful meeting.**