



**Terry L. Herter**  
*Project Director*

122 Sciences Drive, Room 202 | Ithaca, NY 14853  
607-255-5898 | tlh10@cornell.edu

February 7, 2019

To CMB-S4 Spokespersons: John Carlstrom and Julian Borrill

On behalf of the CCAT-prime collaboration, we would like to express interest in exploring the possibility of using the six-meter aperture CCAT-prime telescope for CMB-S4 observations. The high-optical-throughput design of CCAT-prime was motivated in part by cosmic microwave background observations, and there is significant interest by many CCAT-prime collaborators in the planned CMB-S4 measurements. First light with CCAT-prime is scheduled for 2021, and our understanding is that CMB-S4 observations are scheduled to start in 2027. The final decision of whether CCAT-prime will be used for CMB-S4 measurements will of course be made by the CCAT-prime board. We aim to continue working with and sharing information with the CMB-S4 collaboration to facilitate this decision and continue exploring the possibility of using CCAT-prime for CMB-S4.

Sincerely,

Terry Herter  
CCAT Project Director  
Professor of Astronomy  
Cornell University

Martha P. Haynes  
Chair of the CCAT Board  
Goldwin Smith Professor of Astronomy  
Cornell University

Michael Niemack  
CCAT Liaison to CMB-S4  
Associate Professor of Physics  
Cornell University