



THE UNIVERSITY OF ARIZONA
COLLEGE OF SCIENCE

**Astronomy
& Steward Observatory**

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November 24, 2016

Dr. Charles R. Lawrence
Chief Scientist for Astronomy and Physics
Jet Propulsion Laboratory
M/S 169-327
4800 Oak Grove Drive
Pasadena, CA 91109

Dear Charles Lawrence:

I am pleased to appoint you chair of the Cosmic Microwave Background Stage 4 Concept Definition Task force (CMB-S4 CDT), a subcommittee of the Astronomy and Astrophysics Advisory Committee (AAAC). The charge for CMB-S4 CDT is detailed in the attached letter I received from representatives of the DOE and the NSF. Please note that you and your task force are asked to provide a report to the AAAC on the Science and Measurement Requirements by June 2017 and a final report by October 2017.

I thank you for your willingness to take on the leadership of the task force and I stand by to assist you in any way I can.

Sincerely,

Dr. Buell T. Jannuzi
Chair, Astronomy and Astrophysics Advisory Committee

Cc: Dr. Denise Caldwell, NSF
Dr. Eric Saltzman, NSF
Dr. James Siegrist, DOE
Dr. Jim Ulvestad, NSF
Dr. Kathy Turner, DOE
Dr. Richard Barvainis, NSF

