

LiteBIRD Focal Plane Cryogenics and Mechanics Ari Cukierman (UCB)

Wednesday 16 December 2015 11:05 (25 minutes)

The design of the LiteBIRD focal planes needs to balance cryogenic, mechanical, optical and electrical concerns. I will discuss the cryogenic and mechanical issues associated with these technologies with special emphasis on the unique challenges and uncertainties present in a space-based environment. Additionally, I will summarize baseline technologies and the requirements for the LiteBIRD sub-Kelvin cooler.

Presenter: Mr CUKIERMAN, Ari (UCB)

Session Classification: Detector