

LiteBIRD systematics

Tuesday, 1 December 2020 09:45 (25 minutes)

I will present a review of LiteBIRD systematics. LiteBIRD aims for measuring the tensor-to-scalar ratio, r , with an accuracy less than 0.001. Given the current sensitivity of the observation devices, the systematic effects yield the dominant contribution in the error of r . I will present an overview of the possible systematic sources, and the procedure to evaluate the effects and to give requirements. I also discuss possible mitigation of the systematic effects with the optimization of the scan strategy and the usage of the polarization modulation.

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Session Classification: 3. Review from the past to future challenges