

A small CMB mission ?

Jacques Delabrouille

CNRS – laboratoire APC, Paris

Small ?

- Budget \approx 250 Meuros
- No large telescope (20' resolution or worse)
- Single detector technology
- Sensitivity at the level of lensing B-modes ($4 \mu\text{K} \cdot \text{arcmin}$)
- B-modes – focussed: Litebird (JAXA)
- B-modes as secondary science: PIXIE (USA)
- Fast small mission with limited frequency coverage? (USA)

Betting on the value of r

