



Opening Remarks

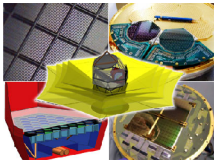
Clem Pryke

CMB Polarization Experiment Workshop

1 July 2009

Internet/Schedule/Participants

- Yellow sheet gives wireless info
- Schedule included in packet
 - ▶ and also online
- Participant list included in packet
 - ▶ and also online



CMB Polarization Workshop, 2009

We are holding a workshop on CMB polarization experiment in Chicago on July 1-3. There is currently great scientific excitement surrounding the push to detect gravitational wave induced B-mode polarization of the Cosmic Microwave Background. The purpose of this meeting is to review and discuss the fast moving ground based and sub-orbital experimental program, and to get an update on the evolving plans for a next generation satellite mission.

RELATED WORKSHOPS ► CMBPol Theory and Foregrounds, 2008 CMBPol Technology, 2008 CMBPol Systematic, 2008



Schedule

- Relaxed schedule with plenty of time for discussion
 - ▶ 30 minute breaks morning and afternoon
 - ▶ hour for lunch
 - ▶ finish around 5pm
- Two panel discussions (Thur and Fri)
- Dinner Wednesday night
- Reception Thursday night (on own for dinner)
- Finish at noon on Friday

Workshop Goals

- Get an update on recent and current round of experiments:
 - ▶ How do they differ in technique and emphasis?
 - ▶ What is the status of the various efforts?
 - ▶ How soon will there be results?
 - ▶ Will we really get close to $r=0.01$ with current round?
 - ▶ What will the biggest challenges really be?
- Think about the next non-space generation:
 - ▶ Should there be one?
 - ▶ Can we justify an expensive experiment(s) to map the lensing potential?
- Hear about the latest EPIC-IM space mission concept

Program

- Wednesday Morning: Introduction and Results & Lessons from Recent Experiments
- Wednesday Afternoon / Thursday Morning: Status, plans and prospects of upcoming experiments
- Thursday Afternoon: Beyond the current round - science motivation and non-space expt
- Friday morning: Presentation of EPIC-IM space mission concept