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Expectations and challenges from future CMB science

Thursday, 30 August 2007 15:30 (45 minutes)

We review the physics of the cosmic microwave background anisotropies and how the early universe and cosmological structure formation imprint their records into it.

We describe the status of the CMB experiments, pointing out the CMB observables which are still beyond reach of the operating detectors.

Finally, we focus on the the expectations from Planck and future probes.

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Session Classification: Times Arrow and the Early Universe