

## Copernicus Webinar and Colloquium Series



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# The Cosmic Microwave Background

*Friday, July 17, 2020 3:00 PM (1 hour)*

Precision measurements of the Cosmic Microwave Background (CMB) have the potential to provide information about the birth and evolution of our universe. I will review how we extract cosmological parameters from the CMB from both temperature and polarization maps. The Atacama Cosmology Telescope (ACT) has been making measurements of the CMB since 2006. I will discuss the recent results from ACT and their implications. I will also provide a glimpse of the instrumentation being developed for the upcoming Simons Observatory.

**Presenter:** DEVLIN, Mark (University of Pennsylvania)