

## Polarization angle requirements

*Monday, 30 November 2020 20:20 (25 minutes)*

A methodology to provide the polarization angle requirements for the different frequency channels of a given CMB B-mode experiment is presented. The component separation procedure used to separate the CMB from the foreground signals is considered in order to establish those requirements. In addition, it is also considered possible instrumental correlations among the different measured polarization angles coming from systematics in the optics, wafers... Requirements are calculated for different experimental configurations.

**Presenter:** Prof. MARTÍNEZ-GONZÁLEZ, Enrique (Instituto de Física de Cantabria (CSIC-UC))

**Session Classification:** 2. Systematics requirement toward the next generation CMB B-mode experiment