



ID de Contribution: 7

Type: **Non spécifié**

Unbiased r constraints with SMICA for future ground-based CMB B-mode polarisation observations

mercredi 15 octobre 2025 10:00 (20 minutes)

Measuring r in low SNR, foreground-dominated observations of CMB B-modes is prone to biases that are hard to avoid and estimate when the exact properties of foreground emission are not known a priori. We use SMICA to forecast constraints on r for future ground-based observations and obtain unbiased constraints for various levels of foreground complexity.

Auteurs: M. STEIER, Alexander (LBNL); DELABROUILLE, Jacques (IN2P3); Dr GHOSH, Shamik (LBNL)

Orateur: DELABROUILLE, Jacques (IN2P3)

Classification de Session: CMB results and analysis