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Bayesian end-to-end CMB analysis from LFI to HFI

Thursday 31 August 2023 15:25 (25 minutes)

In this talk I will give an overview of the BeyondPlanck project, which was an end-to-end re-analysis of the LFI data, and discuss a future extension to HFI within the Cosmoglobe collaboration. This method aims to process raw time-ordered data into final cosmological and astrophysical products within one computer code, and implements standard Bayesian Monte Carlo methods. By now this framework has been successfully applied to LFI and WMAP, and COBE-DIRBE is well on its way. In this talk I will describe early steps toward HFI processing.

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