ID de Contribution: **30** Type: **Oral presentation**

Implicit Likelihood Inference in cosmology while checking for survey systematics

mercredi 28 février 2024 10:30 (15 minutes)

We present methodological advances to perform implicit likelihood inference of cosmology from arbitrarily complex models of cosmological surveys, while efficiently and extensively checking for systematics. This novel approach makes it possible to fully utilise our prior theoretical understanding of the initial matter power spectrum after inflation, in order to investigate the effects of known sources of systematics at play in the data generating process.

Astrophysics Field

Cosmology

Day constraints

I will probably not be available on Friday.

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