Contribution ID: **168**   Type: **not specified**

Primordial non-Gaussianity beyond the bispectrum

Tuesday 7 March 2023 15:00 (1h 20m)

I will review recent progress to address the generation of primordial non-Gaussianity during cosmic inflation. I will focus my attention on the origin of non-Gaussian signals that are poorly parametrized by the bispectrum (the three-point function). I will show that there are various types of non-Gaussianities that can arise during inflation that, to be understood, require taking into account a large set of n-point functions both, via perturbative or non-perturbative techniques. Such classes of non-Gaussianity may be crucial to understand the generation of primordial black holes.

Presenter: PALMA, Gonzalo (Universidad de Chile)