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## Studying Primordial Non-Gaussianity with LSS tracers

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Considering that inflation is the mechanism that introduces the seeds for the formation of structures which distribution is close to Gaussian, generating a universe similar to ours introducing deviations from Gaussianity in the initial conditions could give us information about this inflationary period. In particular, the local primordial non-Gaussianities that generate a scale-dependent bias between the density of matter and the density of galaxies are studied, which makes their signal increase at large scales. Enhancement of the PNG signal makes it possible to search for, measure, and constrain it with large-scale structure tracers such as QSOs, LRGs, and ELGs. In this talk I will present the methodology for measuring PNG parametrized by the FNL factor from LSS of the Universe and some results of the validation process of this pipeline with simulations.

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