



ID de Contribution: 24

Type: **Non spécifié**

## **Simulating multi-wavelength counterparts of LSST with a baryon pasting approach**

*jeudi 5 novembre 2020 15:00 (10 minutes)*

In this talk I will introduce the “Baryon Pasting” project that aims at developing simple and physically motivated methods to model the properties of galaxies, groups, clusters and the cosmic web. The goal is to maximize the scientific returns of multi-wavelength surveys and concerns cluster cosmology but also weak lensing and galaxy clustering analyses. I will focus on the current efforts to obtain SZ and X-ray counterparts of the DC2 simulation and the scientific applications in the frame of the scientific preparation of LSST cosmological analyses.

**Auteurs principaux:** RICCI, Marina (LAPP); AND THE BARYON PASTING TEAM

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**Classification de Session:** Présentations appel à contributions / Accepted contributions