ID de Contribution: **36**   Type: **Non spécifié**

Opening-up a new window with projected-field cross-correlations

mardi 5 décembre 2023 10:20 (20 minutes)

We present new methods and analyses of hybrid bispectra between large-scale-structure tracers projected on the sphere. Such cross-correlations have been recently measured for kSZ x galaxies (Kusiak et al 2021) and galaxies x CMB lensing (Farren et al 2023) and can be modeled using the halo-model formalism (Bolliet et al 2022). They will allow us to break degeneracies between parameters measured from 2-point analyses and should enable a significant increase in constraining power on the galaxy-halo connections, halo properties and galaxy biases, especially with the new wealth of forthcoming high-resolution and large-volume Stage 4 era data.

Auteur principal: BOLLIET, Boris (Cambridge)

Orateur: BOLLIET, Boris (Cambridge)

Classification de Session: Cross-correlations