



ID de la contribución : 380

Tipo : Talk

Cosmological dark matter simulations with baryons: recent developments at the smallest, dwarf-galaxy scales

martes, 4 de noviembre de 2025 12:00 (30)

We use state-of-the-art cosmological hydrodynamical simulations of galaxies within a cold dark matter context, to study recent 'hot topics' in galaxy formation at the smallest scales: the existence of low-surface-brightness, ultra diffuse galaxies, the emergence of 'dark galaxies' as well as the role of AGN feedback in the evolution of dwarfs. These predictions, together with future observations, will provide critical tests of the Λ CDM model.

Primary author(s) : DI CINTIO, Arianna (Universidad de La Laguna/ Instituto de Astrofísica de Canarias)

Presenter(s) : DI CINTIO, Arianna (Universidad de La Laguna/ Instituto de Astrofísica de Canarias)

Clasificación de la sesión : Plenary Session

Clasificación de temáticas : Plenary talks