



University
of Victoria

PHYSICS AND ASTRONOMY SEMINAR (Hybrid)

Professor Isabel Pérez
Universidad de Granada

“CAVITY project first results: unveiling the formation and evolution of galaxies in cosmological voids”

Abstract

The Calar Alto Void Integral-field Treasury survey (CAVITY) is a legacy project aimed to study galaxies in voids using IFU data, deep optical imaging data, and CO and HI observations. The main goals of the project are to determine how the environment has influenced the mass assembly of galaxy in cosmological voids and to establish how galaxy formation and its properties depend on the large-scale (LS) environment. To characterise our sample, we have already analysed the star formation histories (SFHs), stellar metallicities and ages for the central regions of thousands of galaxies in different well defined LS environments using SDSS spectra.

Friday, February 3, 2023
11:00 a.m.
CLE A320

Online: Zoom link available on [Uvic Event Calendar](#)