



PHYSICS AND ASTRONOMY SEMINAR

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“The role of AGN in galaxy star formation: A case study of a radio galaxy at $z=2.6$ ”

Abstract

Radio galaxies are ideal sites to scrutinize the physics of active galactic nuclei (AGN) feedback, as they are massive galaxies with jets that interact with the surrounding medium. I will present a detailed analysis of the recent star formation history and conditions of a starbursting, massive radio galaxy at $z=2.6$. In the 8.5-hour VLT/X-Shooter spectrum, we detect unambiguous signatures of stellar photospheric absorption lines originating from stars. Comparison with model spectra suggests that more than one burst took place in its recent past.

Wednesday, December 2019
12:30 pm.
ECS– Room 130