

NRAO/Socorro Colloquium Series

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CSIRO

Host galaxy properties of QSO populations

Abstract

Our knowledge of the role that AGN and QSOs play in galaxy evolution is far from complete: the picture wherein AGN are responsible for shutting down host-galaxy star formation is not as clear-cut as was once believed. The aim of my research is to improve our understanding of AGN/galaxy interaction through demographic studies of QSO populations and their host galaxies. I will present my current research with a focus on two particular populations, (1) radio-quiet QSOs and (2) extremely luminous QSOs, and explain how the results have developed our understanding of their host galaxies. I will also outline future directions for this research, and discuss how observations from VLA, ALMA and other instruments will be crucial for obtaining a full picture of these powerful sources.

December 1, 2015

11:00 am

Array Operations Center Auditorium

All NRAO employees are invited to attend via video, available in Charlottesville Auditorium, Green Bank Auditorium, and VLA Video Conference Room.
