

R13b **Recent extragalactic studies with ALMA**

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The Atacama Large Millimeter Array (ALMA) is changing our understanding of the interstellar medium properties of galaxies, with its unprecedented sensitivity and resolution. I will summarize some of the main results recently obtained using science verification data and Cycle 0 observations. I will focus my presentation on CO studies using science verification data of the Antennae galaxies merging system, and in particular a newly discovered arm of tidal origin close to NGC 4039. I will also describe science verification CO(2-1) observations of the closest giant elliptical and radio galaxy, Centaurus A. Finally I will summarize results on CII line and band 7 continuum analysis of the BRI1202-0725 system of galaxies at $z=4.7$.