

## ALMA2019: Science Results and Cross-Facility Synergies



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### ”Interpreting the (sub)millimeter extragalactic sky: implications for obscured star-formation in the first few Gyr after the Big Bang”

*Monday, October 14, 2019 11:40 AM (25 minutes)*

Invited talk

Abstract:

I will present recent modeling and observational work aimed at understanding the prevalence of dust-obscured star-formation in the first few Gyrs of the Universe’s history. Despite great effort to map the star-formation rate density in the rest-frame UV out to  $z \sim 11$ , similar efforts to map rest-frame FIR have not kept apace. ALMA has begun to provide hints of the cosmic density of obscured galaxies during this epoch and will, no doubt, make tremendous strides over the next decade

**Presenter:** Dr CASEY, Caitlin

**Session Classification:** Cosmology