



# ALMA2019: Science Results and Cross-Facility Synergies

## Monday, October 14, 2019

### Cosmology: Cosmology and the High-redshift Universe (10:00 AM - 10:55 AM)

time	[id] title	presenter
10:00 AM	[6] ASPECS: Unveiling the driver of cosmic star formation history	Dr DECARLI, Roberto
10:25 AM	[9] An ALMA survey of CO in submillimetre galaxies	Dr WARDLOW, Julie
10:40 AM	[10] A mm-wave view of the hot and ionised gas in galaxy clusters	Dr MROCKZKOWSKI, Tony

### Cosmology: Cosmology and the High-redshift Universe (11:40 AM - 12:50 PM)

time	[id] title	presenter
11:40 AM	[12] "Interpreting the (sub)millimeter extragalactic sky: implications for obscured star-formation in the first few Gyr after the Big Bang"	Dr CASEY, Caitlin
12:05 PM	[13] Caught in the act - massive cluster formation at $z=3-7$ witnessed by APEX/ALMA	Dr WEISS, Axel
12:20 PM	[14] ALMA unveils massive galaxies at $z>3$ that are hidden from Hubble	Dr WANG, Tao
12:35 PM	[22] High-resolution studies of the SZ effect	Dr DI MASCOLO, Luca

# Wednesday, October 16, 2019

## Cosmology: Cosmology and the High-redshift Universe (9:00 AM - 10:25 AM)

time	[id] title	presenter
9:00 AM	[58] A2C2S: The ALPINE ALMA C+ survey of galaxies at $4 < z < 6$	Dr GINOLFI, Michele
9:25 AM	[59] Early Metal Enrichment and Multiphase Interstellar Media in a Galaxy at Redshift 8.312	Dr TAMURA, Yoichi
9:40 AM	[61] Quiescent carbon in the CGM of high redshift radio galaxies	Dr DE BREUCK, Carlos
9:55 AM	[62] Definitive calibration of C I, CO and dust as gas mass tracers across cosmic time	Dr DUNNE, Loretta
10:10 AM	[63] Stacking analysis of CO emission based on optical spectroscopic redshifts from MUSE	Dr INAMI, Hanae

# Friday, October 18, 2019

## Cosmology: Cosmology and the High-redshift Universe (11:10 AM - 12:20 PM)

time	[id] title	presenter
11:10 AM	[21] Molecular clouds in a Milky Way progenitor observed 8 billion years ago	Dr DESSAUGES-ZAVADSKY, Miroslava
11:35 AM	[23] First Identification of 10-kpc Scale [CII] 158um Halos around Star-Forming Galaxies at z=5-7	Dr FUJIMOTO, Seiji
11:50 AM	[25] The ALMA lensing cluster survey: initial outcomes	Dr KOHNO, Kotaro
12:05 PM	[28] Massive Galaxy Formation in the Reionization Era	Dr MARRONE, Daniel