



# ALMA2019: Science Results and Cross-Facility Synergies

## Monday 14 October 2019

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

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

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

time	[id] title	presenter
11:40	[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	[13] Caught in the act - massive cluster formation at $z=3-7$ witnessed by APEX/ALMA	Dr WEISS, Axel
12:20	[14] ALMA unveils massive galaxies at $z>3$ that are hidden from Hubble	Dr WANG, Tao
12:35	[22] High-resolution studies of the SZ effect	Dr DI MASCOLO, Luca

# Wednesday 16 October 2019

## Cosmology: Cosmology and the High-redshift Universe (09:00-10:25)

time	[id] title	presenter
09:00	[58] A2C2S: The ALPINE ALMA C+ survey of galaxies at $4 < z < 6$	Dr GINOLFI, Michele
09:25	[59] Early Metal Enrichment and Multiphase Interstellar Media in a Galaxy at Redshift 8.312	Dr TAMURA, Yoichi
09:40	[61] Quiescent carbon in the CGM of high redshift radio galaxies	Dr DE BREUCK, Carlos
09:55	[62] Definitive calibration of CI, CO and dust as gas mass tracers across cosmic time	Dr DUNNE, Loretta
10:10	[63] Stacking analysis of CO emission based on optical spectroscopic redshifts from MUSE	Dr INAMI, Hanae

# Friday 18 October 2019

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

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