

Monday	Speaker	Talk format	Title
8:30	Registration opens		
9:00-9:30	Roberto Decarli + Francesca Pozzi		Welcome
<b>Local Universe</b>			
<b>Chair: Marcella Massardi</b>			
9:30-10:05	Adam Leroy	Review	ALMA Brings Molecular Gas in Galaxies Into Focus
10:05-10:20	Jiayi Sun	Contributed	PHANGS-ALMA: Demographics and Environment-dependence of Molecular Cloud Properties
10:20-10:35	Andreas Schruba	Contributed	The Cloud-scale Baryon Cycle of Nearby Galaxies
10:35-10:50	Timothy Davis	Contributed	Parsec scale views of the molecular gas in bulges with WISDOM
10:50-11:20	coffee break		
11:20-11:45	Alberto Bolatto	Invited	The Central Engine and Outflows in the Nuclear Starburst of NGC 253
11:45-12:00	Jeff Mangum	Contributed	ALCHEMI: First Results from the ALMA Comprehensive High-resolution Extragalactic Molecular Inventory of NGC253
12:00-12:15	Nico Krieger	Contributed	A detailed ALMA look into the NGC253 starburst and its connection to the Galactic Center
12:15-12:30	Melanie Chevance	Contributed	A systematic characterisation of the evolutionary cycling between molecular clouds, star formation, and feedback in nearby galaxies
12:30-14:00	lunch		
<b>Chair: Miroslava Dessauges-Zavadsky</b>			
14:00-14:25	Amelie Saintonge	Invited	Molecular gas and dust in the nearby Universe: the global perspective
14:25-14:40	Dieter Lutz	Contributed	Molecular outflows in the local universe
14:40-14:55	Loreto Barcos-Munos	Contributed	Star Formation and ISM Properties in Local U/LIRGs at GMC scales: The Case of Arp 220
14:55-15:10	Katie Jameson	Contributed	The first large, unbiased ALMA survey of CO at parsec resolution in the Small Magellanic Cloud
15:10-15:25	Matilde Mingozi	Contributed	Investigating the ISM of local Seyfert galaxies by modelling their CO SLED

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15:25-16:00 coffee break

16:00-16:15	Isabella Cortzen	Contributed	PAHs trace the molecular gas in star-forming galaxies
16:15-16:30	Deanne Fisher	Contributed	Star Formation in Turbulent, Clumpy Disk Galaxies
16:30-16:45	Christine Wilson	Contributed	Dense gas and star formation in nearby galaxies with a range of morphologies
16:45-17:00	Viviana Casasola	Contributed	Definitive view of the ISM in the Local Universe
17:00-17:15	Rosita Paladino	Contributed	Dust polarization measurements in nearby galaxies to investigate magnetic fields in cold gas
17:15-17:30	Nikki Zabel	Contributed	How the cluster environment affects the baryon cycle
17:30-17:45	Ashley Bemis	Contributed	Star Formation and Dense Gas in Extreme Environments with ALMA

17:45-18:15 Discussion

**Tuesday Speaker Talk format Title**

<b>AGN</b>			
<b>Chair: Carlotta Gruppioni</b>			
9:30-10:05	Bram Venemans	Review	(Sub)millimetre observations of $z > 6$ quasar hosts: massive galaxy formation in the epoch of reionisation
10:05-10:20	Mladen Novak	Contributed	Interstellar medium in the early universe: a multi-line ALMA survey of a redshift 7.5 quasar
10:20-10:35	Antonio Pensabene	Contributed	The ALMA view of quasars host galaxies at the dawn of cosmic time
10:35-10:50	Tanio Diaz-Santos	Contributed	ALMA Reveals the Interstellar Medium Dynamics of Hyper-luminous Obscured Quasars

10:50-11:20 coffee break

11:20-11:45	Marcella Brusa	Invited	The molecular gas content of obscured Quasars at high- $z$
11:45-12:00	Vincenzo Mainieri	Contributed	The role of AGN-feedback in the baryon cycle of $z \sim 2$ galaxies: what we learn from the ionized and molecular gas kinematics
12:00-12:15	Giulia Rodighiero	Contributed	AGN in dusty Starbursts at $z=2$ : feedback still to kick in
12:15-12:30	Quirino D'Amato	Contributed	On the dust and gas content of high-redshift galaxies hosting obscured AGN in the CDF-S

12:30-14:00 lunch

**Chair: Cristian Vignali**

14:00-14:25	Susanne Aalto	Invited	Feeding and feedback in dusty galaxy nuclei and AGNs
14:25-14:40	Tom Oosterloo	Contributed	Molecular outflows in young AGN
14:40-14:55	Anelise Audibert	Contributed	Feeding and Feedback in NUclei of GALaxies (NUGA)
14:55-15:10	Manuela Bischetti	Contributed	The gentle monster PDS456 as seen by ALMA: implications for AGN feedback
15:10-15:25	Masatoshi Imanishi	Contributed	ALMA dense molecular gas survey of nearby ultraluminous infrared galaxies

15:25-16:00 coffee break

16:00-16:15	Irina Smirnova-Pinchukova	Contributed	The Close AGN Reference Survey: Discovering a [CII] line excess in a multi-phase AGN-driven outflow
16:15-16:30	Federico Lelli	Contributed	Gas dynamics at $z=4.8$ with high-resolution ALMA observations
16:30-16:45	Andrea Enia	Contributed	The nature of the strongly lensed SMG J091043.0-000322
16:45-17:00	Matthew Doherty	Contributed	A magnified view of the ISM and star formation in a strongly lensed AGN hosting SMG at $z = 2.6$
17:00-17:30	Poster session		

17:30-18:00 Discussion

**Wednesday Speaker****Talk format Title****Theory****Chair: Livia Vallini**

9:30-10:05	Desika Narayanan	Review	A theoretical view of dust in galaxies near and far
10:05-10:20	Lichen Liang	Contributed	Probing ISM conditions of high redshift galaxies with dust emission: A view from the FIRE simulations
10:20-10:35	Mahsa Kohandel	Contributed	Kinematics of $z \geq 6$ galaxies from [CII] line emission
10:35-10:50	Andrea Pallottini	Contributed	The interstellar medium and radiation field of the galaxies in the Epoch of Reionization.

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10:50-11:20 coffee break

11:20-11:45	Francesco Calura	Invited	Scaling relations and interstellar dust mass budget in galaxies
11:45-12:00	Alessandro Lupi	Contributed	Kinematics and dynamics of molecular gas in high redshift quasars
12:00-12:15	Rowan Smith	Contributed	Introducing the Cloud Factory: How galactic scale forces affect cloud morphology and dynamics
12:15-12:30	Diederik Kruijssen	Contributed	The baryon cycle from molecular clouds to galaxies
12:30-12:45	Thales Gutcke	Contributed	Resolving chemistry and clouds on galactic scales

12:45-13:15 Poster session

**Thursday Speaker Talk format Title**

**Survey**

**Chair: Margherita Talia**

9:30-10:05	Manuel Aravena	Review	The new era of galaxy evolution studies from sensitive molecular and dust deep field surveys
10:05-10:20	Melanie Kaasinen	Contributed	Comparing Molecular Gas Tracers at $z \sim 2$ : Do CO and dust continuum emission trace the same regions of the ISM?
10:20-10:35	Rychard Bouwens	Contributed	Dust Emission from $z \geq 2$ Lyman-Break Galaxies in the HUDF ASPECS Program
10:35-10:50	Caitlin Casey	Contributed	Constraints on the ISM dust-temperatures of galaxies across cosmic time

10:50-11:20 coffee break

11:20-11:45	Rodrigo Herrera-Camus	Invited	Molecular gas properties of typical galaxies and their outflows at $z \sim 1-3$
11:45-12:00	Helmut Dannerbauer	Contributed	Impact of environment on molecular gas reservoirs probed in distant cluster and field galaxies
12:00-12:15	Bitten Gullberg	Contributed	High resolution ALMA imaging of SMGs
12:15-12:30	Paolo Cassata	Contributed	Probing the molecular gas content of normal star-forming galaxies at $3 < z < 3.5$ with ALMA

12:30-14:00 lunch

**Chair: Dieter Lutz**

14:00-14:25	Matus Rybak	Invited	Dissecting sub-millimeter galaxies: ALMA studies of dust and gas on (sub-)kpc scales
14:25-14:40	Francesco Valentino	Contributed	A survey of atomic carbon [C I] in normal main sequence galaxies at high redshift
14:40-14:55	Patrick Kamieneski	Contributed	Gas and star formation at sub-100 pc scales in lensed hyper-luminous SMGs at Cosmic Noon
14:55-15:10	Bunyo Hatsukade	Contributed	ALMA twenty-six arcmin <sup>2</sup> survey of GOODS-S at one millimeter (ASAGAO)
15:10-15:25	Chentao Yang	Contributed	Studying the ISM in high-redshift strongly gravitational lensed galaxies in the ALMA era

15:25-16:00 coffee break

16:00-16:25	Matthieu Bethermin	Invited	Exploring the [C II] and the dust continuum with the ALPINE survey: first scientific results
16:25-16:40	Federica Loiacono	Contributed	Cold gas across cosmic time from CO and [C II] serendipitous discoveries
16:40-16:55	Yoshinobu Fudamoto	Contributed	Dust Attenuation of Star-Forming Galaxies in the First 2Gyr of the Universe
16:55-17:10	Gareth Jones	Contributed	Kinematics of z~4-6 Lyman Break Galaxies in ALPINE
17:10-17:25	Michele Ginolfi	Contributed	[C II]-Line Properties and Star Formation-driven Outflows in high-z Galaxies: early results from ALPINE

17:25-18:00 Discussion

**Friday**      **Speaker**      **Talk format**      **Title**

**High-z****Chair: John Silverman**

9:30-10:05	Renske Smit	Review	An ALMA view of galaxies in the Epoch of Reionisation
10:05-10:20	Sander Schouws	Contributed	New observations of Dust and [C II] in the Epoch of Reionization
10:20-10:35	Zhiyu Zhang	Contributed	Top-heavy IMF found in dusty starburst galaxies across cosmic time
10:35-10:50	Shuowen Jin	Contributed	Extremely cold dusty galaxies at z=4--6: first direct evidence of CMB impact on high-z galaxy observables

10:50-11:20 coffee break

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11:20-11:45	Takuya Hashimoto	Invited	Properties of galaxies at $z \sim 6 - 9$ revealed by ALMA
11:45-12:00	Valentina D'Odorico	Contributed	Witnessing galaxy assembly at the reionization epoch
12:00-12:15	Tao Wang	Contributed	On the nature of HST-dark sources revealed by ALMA
12:15-12:30	Stefano Carniani	Contributed	ALMA witnesses assembly of first galaxies
12:30-12:45	Miroslava Dessauges-Zavadsky	Contributed	Molecular clouds in a Milky Way progenitor observed 8 billion years ago
12:45-13:00	Seiji Fujimoto	Contributed	First Identification of 10-kpc Scale [CII] 158um Halos around Star-Forming Galaxies at $z=5-7$
13:00-13:30	Discussion and concluding remarks		