

ALMA2019: Science Results and Cross-Facility Synergies Cagliari, 14 Oct 2019-18 Oct 2019

Poster sessions

Please note that posters will be uploaded by the Library to Zenodo under a Creative Commons Attribution Licence (CC-BY).

Please, name your poster using the following format:

ALMACagliari_Poster_Last Name.pdf (Es. ALMACagliari_Poster_Casu.pdf)

Then use the following Google form in order to upload the final version of your poster:

[Alma 2019 - Poster upload form](#)

Session 1: Monday 14th, 16:10 - 17:10

| Number | Surname | Name | Poster title |
|--------|------------------------|-----------|---|
| 1 | Aghababaei | Atefeh | <i>The role of accretion and extended SiO emission in forming high mass protocluster NGC 6334-V</i> |
| 2 | Agliozzo | Claudia | <i>Luminous Blue Variable stars as dust factories at sub-solar metallicities</i> |
| 3 | Akiyama | Eiji | <i>Tail-Like Structures Associated with a Protoplanetary Disk around SU Aur and UX Tau A</i> |
| 4 | Alcolea | Javier | <i>Binaries in AGB and post-AGB stars at high resolution</i> |
| 5 | Allen | Veronica | <i>Characterizing outflows from low-mass object Chamaeleon-MMS1</i> |
| 6 | Andreani | Paola | <i>Blind line search in ALMA deep fields as pathfinders for future synergies with ngVLA, JWST, SPICA</i> |
| 7 | Ao | Yiping | <i>Evidence for infalling gas in a Lyman alpha blob</i> |
| 8 | Artur de la Villarmois | Elizabeth | <i>The physical and chemical fingerprint of planet-forming disks</i> |
| 9 | Aso | Yusuke | <i>Diversity of protostellar evolution in Serpens Main</i> |
| 10 | Bacciotti | Francesca | <i>ALMA Polarimetry reveals the properties of protoplanetary disks with rotating jets: clues on grain s</i> |
| 11 | Baek | Giseon | <i>Radiative Transfer modeling of EC 53: An Episodically Accreting Class I Young Stellar Object</i> |
| 12 | Bakx | Tom | <i>Finding Gravitational Lenses From Herschel Samples</i> |
| 13 | Barcos-Munoz | Loreto | <i>Star Formation and ISM Properties in Local U/LIRGs at GMC scales with ALMA</i> |
| 14 | Boizelle | Benjamin | <i>Precision Gas-dynamical Mass Measurement of Supermassive Black Holes with ALMA</i> |
| 15 | Burnham | Anne | <i>Direct Evidence for a Geometry-Dependent Dust Temperature in High-Redshift Galaxies</i> |
| 16 | Busquet | Gemma | <i>Unveiling a cluster of protostellar disks around the massive protostar GGD27-MM1</i> |
| 17 | Cabedo Soto | Victori | <i>Characterizing the efficiency of magnetic braking: ALMA observations to probe the physicochemical co</i> |

| | | | |
|----|----------------------|------------------|--|
| 18 | Carozzi | Tobia | <i>Nordic ARC nodes S/W tools: ALMA beam-modeller</i> |
| 19 | Chambers | Edward | <i>Recent Results from the SOFIA Airborne Observatory</i> |
| 20 | Cortes | Paulo | <i>Current status of ALMA EOC polarization commissioning, past, present, and future</i> |
| 21 | Cox | Pierre | <i>A Comprehensive Redshift Survey of the Brightest Herschel Galaxies</i> |
| 22 | Cramer | William | <i>ALMA evidence for the direct ram pressure stripping of molecular gas in two cluster galaxies</i> |
| 23 | Crew | Geoffrey | <i>New Science with the ALMA Phasing System</i> |
| 24 | Dasyra | Kalliopi | <i>The excitation of molecular gas in winds and its impact for wind detections and masses</i> |
| 25 | de Gregorio-Monsalvo | Itziar | <i>Searching for the formation mechanisms of brown dwarfs: a multi-wavelength/multi-technique approach</i> |
| 26 | Diaz Trigo | Maria | <i>ALMA observations of jets in neutron star X-ray binaries</i> |
| 27 | Egusa | Fumi | <i>Spatially-resolved CO(2–1)/CO(1–0) Ratio in NGC 1365</i> |
| 28 | Eyres | Stewart O. Shore | <i>ALMA points to a merger of white dwarf/brown dwarf binary in the 1670s</i> |
| 29 | Fonfría | José Pablo | <i>Multi-scale molecular emission of the envelope of the O-rich AGB star R Leo</i> |
| 30 | Fukui | Yasuo | <i>Remarkable filamentary cloud systems emanating from a hub in N159W&E in the LMC; Revealing the earliest phase of high-mass star formation without contamination</i> |
| 31 | Gao | Yulong | <i>The nuclear star-forming region in the NGC1365 with ALMA observation</i> |
| 32 | Giannetti | Andrea | <i>A timeline for massive star-forming regions via deuterium chemistry</i> |
| 33 | Girart | Josep Miquel | <i>Disecting a disk around a 20 Msun YSO: ALMA polarization and line observations</i> |
| 34 | Goddi | Ciriaco | <i>Multi-directional, non-steady mass-accretion onto high-mass protostars</i> |
| 35 | Guglielmetti | Fabrizia | <i>Bayesian Reconstruction with Adaptive Image Notion</i> |
| 36 | Guidi | Greta | <i>ALMA multi-wavelength study of the HD 163296 disk: measuring local variations of dust properties</i> |
| 37 | Hales | Antonio | <i>ALMA Studies of Young Eruptive Stars</i> |

| | | | |
|----|------------------|------------|---|
| 38 | Hamanowicz | Aleksandra | <i>Blind search for CO emission in ALMA calibration data</i> |
| 39 | Hamedani Golshan | Roya | <i>Observations of 20 YSOs in Large Magellanic Clouds; searching for Extra-Galactic Complex Organic Mol</i> |
| 40 | Hatsukade | Bunyo | <i>ALMA Observations of Molecular Gas in the Host Galaxies of Long-duration GRBs</i> |
| 41 | Hatziminaoglou | Evanthia | <i>The multiplicity of ACA counterparts of optically bright quasars</i> |
| 42 | Hirano | Naomi | <i>Two extremely young objects in Barnard 1-b probed with the ALMA</i> |
| 43 | Humphreys | Elizabeth | <i>Evolved Stars and Shaping to Planetary Nebulae: the Role of SiO</i> |
| 44 | Hunter | Todd | <i>Resolving the source of the massive protostellar accretion outburst in NGC6334I-MM1B</i> |
| 45 | Ichikawa | Takanori | <i>The ALMA Movie: Orbital Motion of the Class II binary XZ Tau from the Multi-epoch Archival Data</i> |
| 46 | Iino | Takahiro | <i>ALMA observation of outer solar system planetary atmosphere</i> |
| 47 | Jachym | Pavel | <i>Dramatic molecular gas tail of the Norma jellyfish galaxy unveiled by ALMA</i> |
| 48 | Jafarzadeh | Shahin | <i>Wave heating of the solar chromosphere from observations with ALMA</i> |
| 49 | Johnston | Katharine | <i>A high-resolution picture of spiral arms and stability within the AFGL 4176 disk</i> |
| 50 | Kandpal | Niraj | <i>Molecular outflow detection in G327</i> |
| 51 | Kaneko | Hiroyuki | <i>A molecular collision front of interacting galaxies in the early stage</i> |
| 52 | Kang | Ji-hyun | <i>Methanol masers and outflows in massive star forming regions</i> |
| 53 | Kemper | Ciska | <i>The ALMA 2030 Development Roadmap</i> |
| 54 | Kenney | Jeffrey | <i>Disturbed Molecular Clouds and Radio-Mode AGN Feedback in the Merger Elliptical NGC 1316 (Fornax A)</i> |
| 55 | Kohandel | Mahsa | <i>Kinematics of $z > 6$ galaxies from [C II] line emission</i> |
| 56 | König | Sabine | <i>The Nordic ARC node support for ALMA users</i> |
| 57 | Kuan | Yi-Jehng | <i>Molecular Exospheres of Solar-System Icy Worlds</i> |

| | | | |
|----|------------------|------------|--|
| 58 | Kudo | Tomoyuki | <i>A Spatially Resolved AU-scale Inner Disk around DM Tau</i> |
| 59 | Kwon | Woojin | <i>Highly Pinched Magnetic Fields of the Class 0 Young Stellar Object L1448 IRS 2</i> |
| 60 | Lai | Shih-Ping | <i>Resolving linear polarization due to emission and extinction of aligned dust grains on NGC1333 IRAS4A with ALMA and JVL</i> |
| 61 | Le Gouellec | Valentin | <i>Characterizing magnetic field morphologies in Class 0 protostellar cores with ALMA</i> |
| 62 | Lee | Chang Won | <i>A Search for Proto-brown dwarfs and Understanding of Their Formation</i> |
| 63 | Lee | Min-Young | <i>The first comprehensive view on the atomic carbon in high-mass star-forming regions</i> |
| 64 | Lee | Minju | <i>Molecular and atomic gas in $z=2.49$ protocluster galaxies</i> |
| 65 | Leurini | Silvia | <i>G351.776-0.527: a detailed dust and gas study of a nearby high-mass star forming region</i> |
| 66 | Liu | Fang-Chun | <i>Correlations between the Physical Properties and Chemical Nature of the 24 Distinct Continuum Source</i> |
| 67 | Lyo | Aran | <i>Polarization Study toward Orion B NGC2071IR</i> |
| 68 | Maeda | Fumiya | <i>Properties of giant molecular clouds in a strongly barred galaxy NGC 1300</i> |
| 69 | Matsuda | Yuichi | <i>ALMA observations of Lyman Alpha Blobs</i> |
| 70 | Matsushita | Yuko | <i>A Very Compact Extremely High Velocity Flow at MMS 5 / OMC-3</i> |
| 71 | Maud | Luke | <i>Resolving the substructures in the disc around the o type protostar G17.64</i> |
| 72 | Mendez Hernandez | Hugo | <i>VALES VI: The 12CO(1-0), 13CO(1-0) and C18O(1-0) line luminosity ratios in dusty star forming galaxies up to $z\sim 0.2$</i> |
| 73 | Rizzo | J. Ricardo | <i>ALMA spectroscopy toward a recent ejecta in eta Carina</i> |

Session 2: Thursday 17th, 09:55 - 10:55

| Number | Surname | Name | Poster title |
|--------|-----------------|-------------------|--|
| 1 | Michiyama | Tomonari | <i>"True" Star Formation Activity in Nearby Merging Galaxy NGC 3256 – MUSE/VLT and ALMA synergy</i> |
| 2 | Miyamoto | Yusuk | <i>ALMA observations toward the central region of Seyfert galaxy NGC 613</i> |
| 3 | Momose | Munetake | <i>Investigating the gas-to-dust ratio in the protoplanetary disk of HD 142527</i> |
| 4 | Moretti | Alessia | <i>ALMA view on GASP jellyfish galaxies at $z \sim 0.05$</i> |
| 5 | Motte | Frederique | <i>(High-mass) star formation scenarios constrained by ALMA observations of the W43 mini-starburst</i> |
| 6 | Muller | Sebastien | <i>PKS1830-211 the cosmic microscope</i> |
| 7 | Nagai | Hiroshi | <i>ALMA Sees the Heart of Perseus: Discovery of the Rotating Disk and Outflow of Cold Gas in NGC1275</i> |
| 8 | Ngo | Thanh Liem | <i>Chemistry of sulfur bearing species in the high-mass cluster forming region Sagittarius B2(Main)</i> |
| 9 | Nguyen | Dieu | <i>Uncovering the Census of Black Holes in sub-Milky Way Mass Galaxies</i> |
| 10 | Notsu | Shota | <i>Water lines and multiple ring and gap structures of the protoplanetary disk around HD 163296</i> |
| 11 | Olguin Choupay | Fernando | <i>A close-up into the massive YSO SDC335-MM1 with ALMA</i> |
| 12 | Pagani | Laurent | <i>The COMplexity of Orion: an ALMA view</i> |
| 13 | Paladino | Rosita | <i>Dust polarization measurements in nearby galaxies to investigate magnetic fields in cold gas</i> |
| 14 | Paraschos | Georgios-Filippos | <i>Spatially resolved excitation study in AGN</i> |
| 15 | Phillips | Neil | <i>Even longer baselines: feasibility and observational implications</i> |
| 16 | Plunkett | Adele | <i>Advances in Image Fidelity: Radio Interferometer and Single-Dish Data Combination</i> |
| 17 | Quintana-Lacaci | Guillermo | <i>Zooming in on VY CMa ejecta</i> |
| 18 | Ramakrishnan | Venkatessh | <i>Physics of SMBH in nearby AGNs</i> |
| 19 | Randall | Suzanna | <i>The complex spiral/shell structure around the oxygen-rich AGB star GX Mon</i> |

| | | | |
|----|-------------------|-----------|---|
| 20 | Rebolledo | David | <i>From cloud to cores: A multi-scale view of the ISM in the Carina Nebula as a cross-facility example</i> |
| 21 | Remijan | Tony | <i>ALMA Interferometry and Total Power Spectroscopy of Comets</i> |
| 22 | Reuter | Cassie | <i>The redshift distribution of the most extreme starforming galaxies</i> |
| 23 | Ricci | Luca | <i>Investigating the potential of an upgraded ALMA to image the regions of terrestrial planet formation</i> |
| 24 | Ros | Eduardo | <i>Observing the collimation and acceleration region of AGN jets with the GMVA+ALMA at 3 mm</i> |
| 25 | Rubio | Monica | <i>Cold molecular gas survives near R136 in 30 Doradus.</i> |
| 26 | Ruffa | Ilaria | <i>The AGN fueling/feedback cycle in LERGs. A multi-phase study of a sample of nearby radio galaxies</i> |
| 27 | Sabatini | Giovanni | <i>How reliable is CO as kinematical tracer in star-forming regions?</i> |
| 28 | Sadaghiani | Mahya | <i>Physical Properties of Star-forming clusters in NGC 6334</i> |
| 29 | Saito | Toshiki | <i>The First Statistical Study of GMC Properties in Seven Nearby (U)LIRGs</i> |
| 30 | Sanchez Contreras | Carmen | <i>A rotating disk and a rotating ~100km/s bipolar wind emerging from MWC922</i> |
| 31 | Sanchez-Monge | Alvaro | <i>Caught in the act: disruption of a high-mass disk by anisotropic accretion</i> |
| 32 | Sanna | Alberto | <i>Physical conditions, kinematics and magnetic field in the accretion disk of a massive star</i> |
| 33 | Sano | Hidetoshi | <i>ALMA CO Observations toward the Magellanic Supernova Remnants</i> |
| 34 | Schilke | Peter | <i>ALMA data analysis with machine learning techniques</i> |
| 35 | Schisano | Eugenio | <i>The G267 cloud: a scaled-up version of Taurus linear filament</i> |
| 36 | Schmiedeke | Anika | <i>Studying a forming multiple system: From large to small scales</i> |
| 37 | Sharon | Chelsea | <i>More than Star Formation: The High-J CO SLEDs of High-z Galaxies</i> |
| 38 | Sigersen Jensen | Sigurd | <i>Water deuteration toward embedded low-mass protostars: A physical and chemical diagnostic of the ear</i> |
| 39 | Silva | Andrea | <i>The star formation properties of $z < 2.5$ mergers</i> |

| | | | |
|----|---------------------------|-----------|--|
| 40 | Spilker | Justin | <i>Spatially Resolved Massive Molecular Outflows Quenching $z\sim 4-5$ Dusty Starburst Galaxies</i> |
| 41 | Stanke | Thomas | <i>ALCOHOLS: The APEX Large CO Heterodyne Orion Legacy Survey</i> |
| 42 | Szydlarski | Mikolaj | <i>Solar ALMA Pipeline (SoAP)</i> |
| 43 | Takakuwa | Shigehisa | <i>Spirals, Gas Motions, and their Differences among the Protostellar Binaries in the L1551 Region</i> |
| 44 | Terwisscha van Scheltinga | Jeroen | <i>TW Hya as a chemical Rosetta stone: the case of H₂CO</i> |
| 45 | Thater | Sabine | <i>Testing the robustness of massive black hole mass measurements using ALMA and MUSE</i> |
| 46 | Tosaki | Tomoka | <i>Physically-identified molecular cloud structures in local galaxies</i> |
| 47 | Traficante | Alessio | <i>Hints on the evolution of the fragmentation properties in massive star-forming regions</i> |
| 48 | Treviño-Morales | Sandra P. | <i>Dynamical signs of a spiral-like structure in the MonR2 hub-filament system</i> |
| 49 | Tristram | Konrad | <i>The torus of the Circinus AGN under the infrared and submm interferometric looking glass</i> |
| 50 | Tseng | Wei-Ling | <i>The possible source mechanisms of Ceres' exosphere</i> |
| 51 | Tsukagoshi | Takashi | <i>Discovery of a localized excess in the millimeter emission of the protoplanetary disk around TW Hya</i> |
| 52 | Ueda | Junko | <i>Shocks in the central 300 pc region of the mid-stage merger NGC 4038</i> |
| 53 | Umehata | Hideki | <i>ALMA Deep Field in the SSA22 proto-cluster at $z=3$</i> |
| 54 | Urata | Yuji | <i>ALMA Polarimetry of AT2018cow</i> |
| 55 | Urquhart | Sheona | <i>Redshifts of bright Herschel gravitational lenses</i> |
| 56 | Van Kampen | Eelco | <i>ALMA studies of galaxies in distant clusters</i> |
| 57 | Villard | Eric | <i>The ObsMode 2019 process</i> |
| 58 | Villenave | Marion | <i>Spatial segregation of dust grains in transition disks</i> |
| 59 | Wallstrom | Sofia | <i>ATOMIUM: new high-resolution observations of molecular spectral lines in oxygen rich AGB and RSG sta</i> |

| | | | |
|----|-----------|-----------|---|
| 60 | Weber | Philipp | <i>Towards constraining the migration behavior of planetary cores through highly resolved mm-observatio</i> |
| 61 | Wilson | Christine | <i>Dense gas and star formation in nearby galaxies with a range of morphologies</i> |
| 62 | Wootten | Al | <i>Dense Molecular Knots in the Crab Supernova Remnant</i> |
| 63 | Wu | Benjamin | <i>Magnetic Fields in High-Mass Star Forming Region G10.62-0.38</i> |
| 64 | Yamaguchi | Masayuki | <i>Super-resolution Imaging of the Protoplanetary Disks using Sparse Modeling</i> |
| 65 | Yamashita | Yuichi | <i>An examination of the correlation between Eddington ratio and the gas fraction of AGN host galaxies</i> |
| 66 | Yoon | Ilsang | <i>Molecular Gas in Optically Bright QSOs</i> |
| 67 | Zapata | Luis | <i>Explosive Molecular Outflows Viewed by ALMA</i> |
| 68 | Zavala | Jorge | <i>On the nature of 3mm selected galaxies</i> |
| 69 | Zhang | Heshou | <i>Tracing magnetic field with polarimetry of submillimeter lines</i> |
| 70 | Zhang | Tianwei | <i>G327 hot core spectrum analysis</i> |
| 71 | Zhang | Yichen | <i>Massive star formation in 0.03" resolution view of ALMA</i> |
| 72 | Zwaan | Martin | <i>Surveying the Universe with ALMACAL</i> |
| 73 | | | |
| 74 | | | |