

MAYA 2023: Meeting of ALMA Young Astronomers

PROGRAMME					
CET	Monday, 6 March	Tuesday, 7 March	Wednesday, 8 March	Thursday, 9 March	Friday, 10 March
08:40 - 09:00	Starting and testing Zoom		Starting and testing Zoom		Starting and testing Zoom
09:00 - 09:10	Announcements		Announcements		Announcements
09:10 - 09:20	Reconstruct the shock history in NGC 253 with ALCHEMI by Ko-Yun (Monica) Huang		Detection of massive molecular and dust reservoirs around z~2 extremely red quasars: CGM enrichment by quasar-driven outflows by Jan Scholtz		An HST dark galaxy merger revealed by ALMA by Ivanna Langan
09:20 - 09:30					
09:30 - 09:40	2.1 GHz SHORES survey: Exploiting the synergy between ALMA archive and deep radio observations by Quirino D'Amato		The first molecular detection of the protostellar disk of VLA 1623W and its streamers as imaged by ALMA by Seyma Mercimek		Acoustic Waves in ALMA: An Epoch Analysis by Ryan Hofmann
09:40 - 09:50					
09:50 - 10:00	Unveiling the high-velocity jet powered by the massive star MWC349A by Antonio Martínez-Henares		Catching the Chemical Footprints of Accreting Planets in Protoplanetary Disks by Haochang Jiang		Modeling the Sunyaev-Zel'dovich effect towards a distant galaxy cluster with the ALMA interferometer by Vanessa Frohn
10:00 - 10:10					
10:10 - 10:20	Elucidating the origin of COMs during star formation The necessity to use Artificial Intelligence by Nina Kessler	Starting and testing Zoom	Quantifying the strength and nature of turbulence in star-forming regions using ALMA by Piyush Sharda	Starting and testing Zoom	ALMA multi-band, multi-scale dust study of L1527: evidence for (sub-)millimeter dust grains in the envelope of a Class I YSO by Luca Cacciapuoti
10:20 - 10:30		Announcements		Announcements	
10:30 - 11:00	Break	Discussion: Astronomer on Duty EU-ARC Network	Break	Discussion: ALMA and Other Observatories	Break
11:00 - 11:10	At the Frontiers of Cosmic History: How ALMA and JWST Team Up to Confirm High-Redshift Galaxy Candidates by Giovanni Gandolfi	Observing and modelling the gas and dust of the most luminous galaxy known by Román Fernández Aranda	Tracing the molecular gas in jellyfish galaxies with ALMA and IRAM 30m Telescope by Anežka Kabátová	Cross calibration of CO and dust as gas mass tracers with [CII] in high-z lensed dusty star-forming galaxies by Gayathri Gururajan	EP Aquarii: a new picture of its circumstellar envelope by Hoai Do
11:10 - 11:20					
11:20 - 11:30	Reveal the chemical history of young protostars at low frequency by Marta De Simone	Revealing the circumnuclear star forming region in two nearby Seyferts 2 by Francesco Salvestrini	Differences in physical properties of coronal hole and quiet Sun coronal bright points and their ALMA counterparts by Filip Matković	Dust polarization observations of protostellar cores by Valentin Le Gouellec	Resolved z=2 observations of a bonafide galaxy cluster via ALMA and the Sunyaev-Zeldovich effect by Joshiwa van Marrewijk
11:30 - 11:40					
11:40 - 11:50	3D Modelling of the Mysterious Long Secondary Period of Evolved Stars Under a Binary Hypothesis by Davide Dionesi	Lessons learnt from observing a z~13 candidate with ALMA by Melanie Kaasinen	ALMA observations of QSO MUSEUM by Maria Babakhanyan Stone	A sensitive CO and Carbon line survey of local ULIRGs using APEX and ALMA by Isabel Montoya Arroyave	Radio-Selected NIR-Dark galaxies: the ALMA view behind the dust by Fabrizio Gentile
11:50 - 12:00					
12:00 - 14:00	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break
14:00 - 14:10	Invited talk: Astronomer on Duty at ALMA Observatory by Evanthia Hatziminaoglou	Invited talk: ALMA Science Archive by Marcella Massardi		Invited talk: The Future of ALMA by Maria Diaz Trigo	
14:10 - 14:20					
14:20 - 14:30			Discussion: ALMA Science Archive ALMA User Support		Discussion: Future of ALMA
14:30 - 14:40	ALMA resolves the first Optical/Near Infrared-dark lensing system by Marika Giulietti	Hidden Gems on a Ring: ALMA Reveals Infant Massive Clusters in a Central Starburst Galaxy by Jiayi Sun		Systematic search for late-stage infall of material onto Class II disks by Aashish Gupta	
14:40 - 14:50					
14:50 - 15:00	Sulphur-bearing species in NGC 253: What do they trace? by Mathilde Bouvier	Stacking in the UV-plane strongly-lenses high-z DSFGs observed with ALMA by Martina Torsello		Surfing long waves to discover old dusty treasures on unexplored SHORES by Meriem Behiri	
15:00 - 15:10			Binary progenitor systems of type Ic supernovae by Martin Solar		Dual constraints with ALMA: new [O III] 88 μ m and dust-continuum observations reveal the ISM conditions of luminous LBGs at z ~ 7 by Joris Witstok
15:10 - 15:20	Isotopologues ratios across galactic environments from the 'eyes' of Atacama Large Millimeter/submillimeter Array by CHI YAN LAW	How to find needles in a stack (of protoplanetary discs): comparison between ALMA models and observations by Claudia Toci		Dust properties from multi-wavelength ALMA observations: single sources and disc demographics by Francesco Zagaria	
15:20 - 15:30			A rich population of young high-mass proto-stars unveiled by the emission of complex organic molecules detected with ALMA-IMF by Mélisse Bonfand		How do stars get their mass? Understanding the origin of the IMF from the mass distribution of cores by Thomas Nony
15:30 - 16:00	Break	Break	Star formation in the centre of NGC 1808 as observed by ALMA by Guangwen Chen	Break	Can Molecular Ratios be used as Diagnostics of AGN and Starburst activity? The Case of NGC 1068 by Joshua Butterworth
16:00 - 16:10		Probing the Cool Sun with ALMA by Johnathan Stauffer		Dust-obscured star formation at z ~ 6 from [CII]-selected companion galaxies by Ivana van Leeuwen	Final Announcements and End of Conference
16:10 - 16:20					
16:20 - 16:30	Welcome Drinks	Modelling molecular gas susceptibility to ram pressure stripping in Virgo cluster galaxies by Celine Greis		ALMA Pilot Study of Heavily Obscured Quasars with Young Radio Jets by Pallavi Patil	
16:30 - 16:40					
16:40 - 16:50		AGN driven winds and gaseous discs in local Seyfert galaxies: high resolution study of the multiphase ISM with MUSE, ALMA & JVLA by Maria Vittoria Zanchettin		Complex S-bearing molecules towards high-mass star forming regions by Laure Bouscasse	
16:50 - 17:00					