



# ALMA2019: Science Results and Cross-Facility Synergies

## Monday 14 October 2019

### ISM, SF: ISM, Star Formation and Astrochemistry (15:00-16:10)

time	[id] title	presenter
15:00	[24] ALMA-IMF Large program, toward the understanding of the origin of the IMF	Dr LOUVET, Fabien
15:25	[26] Probing with ALMA the evolution of cores on the cusp of star formation	Dr FRIESEN, Rachel
15:40	[27] ALMA observations of extremely young star-forming cores	Dr MAUREIRA, Maria Jose
15:55	[29] Converging filaments and the formation of a super star cluster in SgrB2	Dr SANCHEZ-MONGE, Alvaro

## Tuesday 15 October 2019

### ISM, SF: ISM, Star Formation and Astrochemistry (09:00-10:25)

time	[id] title	presenter
09:00	[33] Star formation and magnetic fields in the ALMA era	Dr HULL, Chat
09:25	[34] Dissipation Scale of Turbulence Cascade Revealed by ALMA	Dr KODA, Jin
09:40	[36] ALMA Detection of a Linearly Polarised Reverse Shock in GRB 190114C	Dr LASKAR, Tanmoy
09:55	[37] ALMA reveals a magnetically-regulated scenario for protostellar collapse: B335 & future perspectives.	Dr MAURY, Anaëlle
10:10	[38] Tracing B-fields in protostellar targets across spatial scales with ALMA, SOFIA, BLAST, and APEX.	Dr NOVAK, Giles

### ISM, SF: ISM, Star Formation and Astrochemistry (17:10-18:50)

time	[id] title	presenter
17:10	[49] Early High-Mass Star Formation: A Comprehensive ALMA ATLAS	Dr PILLAI, Thushara
17:35	[50] Sub-arcsecond (sub)millimeter imaging of the massive protostellar outburst in G358.93-0.03	Dr BROGAN, Crystal
17:50	[52] Dissecting high-mass protostars with SPARKS	Dr CSENGERI, Timea
18:05	[53] Exploring the Complex Chemistry of Young Solar Systems	Dr JØRGENSEN, Jes
18:20	[54] From the dense core edge to the disk scales	Dr PINEDA, Jaime
18:35	[55] The early stages at substellar formation in Lupus 1 and 3 clouds	Dr SANTAMARÍA-MIRANDA, Alejandro

# Friday 18 October 2019

## ISM, SF: ISM, Star Formation and Astrochemistry (09:00-10:25)

time	[id] title	presenter
09:00	[15] Chemical Diversity and Evolution toward Protoplanetary Disks	Dr SAKAI, Nami
09:25	[16] ALMA observations of the DG Tau B Class I protostar disk and CO outflow	Dr DE VALON, Aloïs
09:40	[17] Chronology of Episodic Accretion in Protostars - an ALMA survey of the CO and H <sub>2</sub> O snow lines	Dr HSIEH, Tien-Hao
09:55	[18] Probing fragmentation and velocity sub-structure in the massive NGC 6334 filament with ALMA.	Dr SHIMAJIRI, Yoshito
10:10	[19] Sounding diffuse molecular gas with ALMA as a mean to prove that the CO-dark gas is molecular	Dr GERIN, Maryvonne