

**ALMA Observing Activity from 2021-09-13T17:59:00 to 2021-09-20T18:00:00**  
**QA0 pass executions**

**2021-09-13**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
22:05:39	23:10:00	2019.2.00093.S	G328.25-_d_03_7M	Newly discovered hot core precursors: early warm-up phase and diversity	Csengeri	EU	7-m	3
22:50:25	23:54:21	2019.1.01757.S	IRAS_F16_a_03_TM1	The importance of the AGN-driven molecular outflows in a representative sample of nearby ULIRGs	Tadhunter	EU	12-m	3
23:49:45	01:04:03	2019.2.00075.S	SNR_G11._a_04_7M	ALMA High Resolution Images of Dust Rich Supernova Remnant with a Pulsar Wind Nebula	Matsuura	EU	7-m	4

**2021-09-14**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:20:04	01:39:30	2019.1.01463.S	l19368c1_a_06_TM1	Gas accretion in the last thousand AU around high-mass protostars: filamentary streamers or disks?	Cheng	NA	12-m	6
01:19:05	02:24:02	2019.2.00234.S	GY_Aql_a_06_7M	The remarkable 268 GHz line of water: a new tracer of the inner wind of evolved stars?	Wong	EU	7-m	6
01:59:33	03:17:48	2019.1.01463.S	l19368c1_a_06_TM1	Gas accretion in the last thousand AU around high-mass protostars: filamentary streamers or disks?	Cheng	NA	12-m	6
02:24:08	03:28:33	2019.2.00234.S	GY_Aql_a_06_7M	The remarkable 268 GHz line of water: a new tracer of the inner wind of evolved stars?	Wong	EU	7-m	6
03:33:54	04:50:59	2019.2.00028.S	NGC7466_a_06_7M	A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE	Bolatto	NA	7-m	6
05:10:37	06:13:04	2019.2.00037.S	IC1623_a_06_7M	An ALMA CO(2-1) ACA Survey of Luminous Infrared Galaxies in GOALS	Evans	NA	7-m	6
06:03:52	07:29:12	2019.1.00026.S	NGC_1068_a_03_TM1	Nuclear starbursts in the dense molecular torus in NGC 1068	Imanishi	EA	12-m	3
06:13:38	07:10:45	2019.2.00028.S	NGC0768_a_06_7M	A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE	Bolatto	NA	7-m	6
07:29:46	08:31:35	2019.2.00028.S	UGC02099_a_06_7M	A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE	Bolatto	NA	7-m	6
07:31:50	08:49:25	2019.1.00572.S	L1489_a_06_TM1	The launching mechanism of outflows	Bjerkeli	EU	12-m	6
08:37:33	09:26:07	2019.2.00120.S	IRAS_040_b_07_7M	The Nearby Evolved Stars Survey: quantifying the gas and dust return to the Galactic interstellar medium	Scicluna	EA	7-m	7
08:50:55	10:02:24	2019.1.00607.S	BP_Tau_a_06_TM1	A Closer Look at the Small Disks	Long	OTHER	12-m	6
09:26:55	10:20:48	2019.2.00120.S	IRAS_050_g_07_7M	The Nearby Evolved Stars Survey: quantifying the gas and dust return to the Galactic interstellar medium	Scicluna	EA	7-m	7
10:20:56	11:13:30	2019.2.00120.S	IRAS_060_d_07_7M	The Nearby Evolved Stars Survey: quantifying the gas and dust return to the Galactic interstellar medium	Scicluna	EA	7-m	7
10:43:27	12:02:52	2019.1.01707.S	FU_Ori_a_06_TM1	RESOLVING THE TWIN DISKS IN THE FU ORI SYSTEM: Episodic accretion via binary interactions?	Perez	CL	12-m	6
11:17:19	11:52:33	2019.A.00028.S	Betelgeu_i_06_7M	The fall and rise of Betelgeuse: diving in its ejecta with ACA	Agliozzo	EU	7-m	6
12:01:20	12:54:22	2019.2.00120.S	IRAS_060_c_07_7M	The Nearby Evolved Stars Survey: quantifying the gas and dust return to the Galactic interstellar medium	Scicluna	EA	7-m	7
13:03:52	14:11:00	2019.2.00037.S	IRAS_094_a_06_7M	An ALMA CO(2-1) ACA Survey of Luminous Infrared Galaxies in GOALS	Evans	NA	7-m	6
13:04:44	14:21:24	2019.2.00096.S	IC443_j_06_TP	A study of molecular clouds interacting with cosmic rays in	Kokusho	EA	Total Power	6

14:18:12	15:39:39	2019.2.00135.S	Region7_a_03_7M	the supernova remnant IC 443 The effect of the massive stellar feedback across the Carina Nebula Complex	Rebolledo	NA	7-m	3
<b>2021-09-15</b>								
Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:13:07	01:00:00	2019.2.00167.S	SerpM-S6_a_05_7M	Grain growth in the youngest protostellar envelopes: the pristine properties of star and planet-forming material	Galamez	EU	7-m	5
00:46:12	02:06:39	2019.1.01463.S	I18308c1_a_06_TM1	Gas accretion in the last thousand AU around high-mass protostars: filamentary streamers or disks?	Cheng	NA	12-m	6
01:30:40	02:52:47	2019.2.00126.S	NGC_7252_a_03_7M	Can Isotopologue Line Ratios Probe the IMF in Extremely Star-Forming Galaxies?	Brown	NA	7-m	3
04:29:38	05:54:59	2019.2.00015.S	DDO_216_a_06_7M	Wide-Field CO Survey of 4 Metal-Poor Dwarf Galaxies	Imara	NA	7-m	6
07:07:41	08:20:50	2019.1.01695.S	L1527_a_04_TM1	Exploring Dust Evolution and Sub-structure Formation in an Infant Disk around a Class 0 Protostar	Sakai	EA	12-m	4
07:32:19	08:41:19	2019.2.00028.S	NGC0955_a_06_7M	A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE	Bolatto	NA	7-m	6
08:21:33	09:35:22	2019.1.01695.S	L1527_a_04_TM1	Exploring Dust Evolution and Sub-structure Formation in an Infant Disk around a Class 0 Protostar	Sakai	EA	12-m	4
08:42:08	10:01:14	2019.A.00028.S	Betelgeu_h_03_7M	The fall and rise of Betelgeuse: diving in its ejecta with ACA	Agliozzo	EU	7-m	3
09:35:28	10:53:50	2019.1.01108.S	CW_Tau_a_04_TM1	Does scattering reduce the apparent dust mass in protoplanetary disks?	Ueda	EA	12-m	4
10:01:20	10:55:39	2019.2.00096.S	IC443_k_06_7M	A study of molecular clouds interacting with cosmic rays in the supernova remnant IC 443	Kokusho	EA	7-m	6
10:55:46	11:50:06	2019.2.00096.S	IC443_f_06_7M	A study of molecular clouds interacting with cosmic rays in the supernova remnant IC 443	Kokusho	EA	7-m	6
11:58:32	13:10:38	2019.2.00232.S	G224.4-0_b_06_7M	Confront the idea of 3D projection effects of chemicals in a cold clump with high resolution mapping.	Ge	CL	7-m	6
13:10:44	13:50:33	2019.2.00120.S	IRAS_083_a_06_7M	The Nearby Evolved Stars Survey: quantifying the gas and dust return to the Galactic interstellar medium	Sciicluna	EA	7-m	6
23:03:32	23:36:16	E2E8.1.00048.S	70_Ophiu_a_07_TM1	Measuring the Emission of Stellar Atmospheres at Sub-millimeter/centimeter Wavelengths	Vila Vilaro	EU	12-m	7
<b>2021-09-16</b>								
Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
03:33:25	04:50:16	2019.2.00028.S	NGC7466_a_06_7M	A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE	Bolatto	NA	7-m	6
04:57:49	05:49:43	2019.2.00124.S	NGC0307_a_07_7M	An ACA CO survey: Identifying the best candidates for (approximately less than 2% precision) Black Hole mass measurements	Henao Ocampo	CL	7-m	7
05:53:11	07:04:36	2019.2.00227.S	ESO297-G_b_06_7M	Starbursting GMCs in Nearby (Ultra-)Luminous Infrared Galaxies	Saito	EU	7-m	6
07:22:12	09:21:58	2019.1.01635.S	NGC1365_b_08_7M	Comprehensive study of the physical conditions of the molecular gas in the inner 5-7 kpc of two star-forming galaxies	Liu	EU	7-m	8
08:44:37	09:52:08	2019.1.01425.S	NGC1333I_a_06_TM1	Companions in Perseus: Dissecting the Formation Mechanism of Close Proto-Binaries	Reynolds Tran	NA	12-m	6
09:52:44	11:07:23	2019.1.00572.S	L1489_a_06_TM1	The launching mechanism of	Bjerkeli	EU	12-m	6

11:30:21	12:49:08	2019.1.01707.S	FU_Ori_a_06_TM1	outflows RESOLVING THE TWIN DISKS IN THE FU ORI SYSTEM: Episodic accretion via binary interactions?	Perez	CL	12-m	6
11:44:17	12:56:27	2019.2.00232.S	G224.4-0_b_06_7M	Confront the idea of 3D projection effects of chemicals in a cold clump with high resolution mapping.	Ge	CL	7-m	6
13:03:20	14:22:38	2019.2.00028.S	NGC2540_a_06_7M	A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE	Bolato	NA	7-m	6
14:25:09	15:45:00	2019.2.00126.S	IRAS_105_a_03_7M	Can Isotopologue Line Ratios Probe the IMF in Extremely Star-Forming Galaxies?	Brown	NA	7-m	3

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Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:14:30	01:29:38	2019.2.00097.S	2MASS_J1_a_03_7M	Probing the physical and chemical structure of dense cores: toward understanding methanol formation	Harsono	EA	7-m	3
01:42:34	02:37:44	2019.2.00117.S	lo_c_03_7M	Mapping the chemistry of Io's neutral clouds and plasma torus	Allen	NA	7-m	3
02:39:48	04:18:56	2019.2.00067.S	SPT-CLJ2_a_03_7M	A Search for Shocks in the Rare Massive Merging Cluster SPT-CLJ2031-4037	Mroczkowski	EU	7-m	3
04:20:11	05:46:59	2019.2.00126.S	NGC_7252_a_03_7M	Can Isotopologue Line Ratios Probe the IMF in Extremely Star-Forming Galaxies?	Brown	NA	7-m	3
05:47:28	07:18:52	2019.2.00218.S	basic19+_c_04_7M	ACA Linescan of 2 z>5 SMGs in the CDF-S	Bauer	CL	7-m	4
07:19:23	08:52:57	2019.2.00167.S	L1448-C_a_04_7M	Grain growth in the youngest protostellar envelopes: the pristine properties of star and planet-forming material	Galamez	EU	7-m	4
08:53:03	10:15:14	2019.2.00132.S	Seo09_a_03_7M	Spatial Distribution of COMs within a Starless Core	Scibelli	NA	7-m	3
08:57:06	10:19:29	2019.1.01130.S	GW_Ori_a_04_TM1	Detecting a possible misalignment in the circumtriple disk around GW Ori	Bi	NA	12-m	4
10:16:09	11:38:16	2019.2.00132.S	Seo09_a_03_7M	Spatial Distribution of COMs within a Starless Core	Scibelli	NA	7-m	3
10:32:12	11:37:39	2019.1.00476.S	VY_CMa_a_06_TM1	Temperature and density of the innermost ejecta around the Red Supergiant VY CMa	Quintana-Lacaci	EU	12-m	6
21:56:50	23:16:18	2019.1.01463.S	l19368c1_a_06_TM1	Gas accretion in the last thousand AU around high-mass protostars: filamentary streamers or disks?	Cheng	NA	12-m	6
23:38:07	00:58:27	2019.1.01463.S	l18308c1_a_06_TM1	Gas accretion in the last thousand AU around high-mass protostars: filamentary streamers or disks?	Cheng	NA	12-m	6

### 2021-09-18

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
02:44:53	04:13:09	2019.1.00166.S	R_Aqr_a_07_TM1	Further observations of R Aqr	Bujarrabal	EU	12-m	7
04:14:28	05:26:48	2019.1.00613.S	NGC7582_a_07_TM1	Dissecting molecular tori of Seyfert galaxies	Garcia-Burillo	EU	12-m	7
05:28:00	06:36:25	2019.1.01425.S	NGC1333I_a_06_TM1	Companions in Perseus: Dissecting the Formation Mechanism of Close Proto-Binaries	Reynolds Tran	NA	12-m	6
06:37:25	07:54:44	2019.1.00572.S	L1489_a_06_TM1	The launching mechanism of outflows	Bjerkeli	EU	12-m	6
09:18:25	10:33:30	2019.1.00572.S	L1489_a_06_TM1	The launching mechanism of outflows	Bjerkeli	EU	12-m	6
10:37:20	11:47:08	2019.1.00607.S	DQ_Tau_a_06_TM1	A Closer Look at the Small Disks	Long	OTHER	12-m	6
12:01:51	13:23:23	2019.1.01130.S	GW_Ori_a_04_TM1	Detecting a possible misalignment in the circumtriple disk around GW Ori	Bi	NA	12-m	4
16:36:50	18:01:22	2019.2.00135.S	Region7_a_03_7M	The effect of the massive stellar feedback across the Carina Nebula Complex	Rebolledo	NA	7-m	3
18:38:39	19:55:30	2019.1.00572.S	Lupus_3_a_06_TM1	The launching mechanism of outflows	Bjerkeli	EU	12-m	6
20:45:11	22:04:49	2019.2.00134.S	NGC_5128_a_03_7M	An ACA Survey of Dense Gas in	Usero	EU	7-m	3

21:34:36	23:06:44	2019.1.01128.S	G45.47+0_a_03_TM1	Nearby Galaxies A Magnetized Jet from a Very Massive Protostar	Tanaka	EA	12-m	3
22:07:22	23:22:51	2019.2.00097.S	L429C_a_03_7M	Probing the physical and chemical structure of dense cores: toward understanding methanol formation	Harsono	EA	7-m	3

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Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
01:01:30	02:20:29	2019.1.01463.S	I19368c1_a_06_TM1	Gas accretion in the last thousand AU around high-mass protostars: filamentary streamers or disks?	Cheng	NA	12-m	6
01:05:42	02:16:28	2019.2.00097.S	L429C_a_03_7M	Probing the physical and chemical structure of dense cores: toward understanding methanol formation	Harsono	EA	7-m	3
02:17:07	03:09:15	2019.2.00028.S	MCG-02-5_a_06_7M	A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE	Bolatto	NA	7-m	6
03:09:54	04:32:24	2019.2.00126.S	NGC_7252_a_03_7M	Can Isotopologue Line Ratios Probe the IMF in Extremely Star-Forming Galaxies?	Brown	NA	7-m	3
03:49:19	05:17:14	2019.1.00166.S	R_Aqr_a_07_TM1	Further observations of R Aqr	Bujarrabal	EU	12-m	7
04:32:30	05:44:12	2019.2.00227.S	ESO297-G_b_06_7M	Starbursting GMCs in Nearby (Ultra-)Luminous Infrared Galaxies	Saito	EU	7-m	6
05:17:26	06:35:36	2019.1.01072.S	omi_Cet_a_06_TM1	Mira. The first AGB star in a triple system ?	Alcolea	EU	12-m	6
05:44:49	07:11:56	2019.2.00028.S	NGC0731_a_06_7M	A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE	Bolatto	NA	7-m	6
06:36:31	07:53:58	2019.1.00572.S	L1489_a_06_TM1	The launching mechanism of outflows	Bjerkeli	EU	12-m	6
07:12:32	08:04:49	2019.2.00028.S	MCG-01-1_b_06_7M	A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE	Bolatto	NA	7-m	6
07:54:50	09:16:15	2019.1.00037.S	HH_212_a_03_TM1	Magnetic Fields or Grain Growth: Polarized Emission from a Young, Edge-on Protostellar Disk	Lee	EA	12-m	3
08:05:21	09:27:39	2019.2.00132.S	Seo09_a_03_7M	Spatial Distribution of COMs within a Starless Core	Scibelli	NA	7-m	3
09:19:03	10:43:07	2019.1.00026.S	NGC_1068_a_03_TM1	Nuclear starbursts in the dense molecular torus in NGC 1068	Imanishi	EA	12-m	3
10:05:02	11:27:16	2019.2.00132.S	Seo09_a_03_7M	Spatial Distribution of COMs within a Starless Core	Scibelli	NA	7-m	3
10:43:12	11:48:38	2019.1.00476.S	VY_CMa_a_06_TM1	Temperature and density of the innermost ejecta around the Red Supergiant VY CMa	Quintana-Lacaci	EU	12-m	6
11:28:48	12:00:39	2019.2.00120.S	IRAS_072_a_06_7M	The Nearby Evolved Stars Survey: quantifying the gas and dust return to the Galactic interstellar medium	Scicluna	EA	7-m	6
12:13:26	13:17:57	2019.1.00476.S	VY_CMa_a_06_TM1	Temperature and density of the innermost ejecta around the Red Supergiant VY CMa	Quintana-Lacaci	EU	12-m	6
13:46:25	15:15:40	2019.1.01091.S	HD97048_a_06_TM1	Revealing planet migration via dust substructures in isolated outer disks	Perez	CL	12-m	6
22:25:25	23:43:41	2019.A.00041.T	GRB21090_b_03_TM1	GRB 210905A at z = 6.318: Tracking the Farthest Cosmic Explosion Seen by ALMA	Laskar	EU	12-m	3

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Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:01:53	01:19:46	2019.A.00041.T	GRB21090_b_03_TM1	GRB 210905A at z = 6.318: Tracking the Farthest Cosmic Explosion Seen by ALMA	Laskar	EU	12-m	3
01:36:53	02:56:52	2019.1.01463.S	I18308c1_a_06_TM1	Gas accretion in the last thousand AU around high-mass protostars: filamentary streamers or disks?	Cheng	NA	12-m	6
02:04:17	03:20:05	2019.2.00110.S	NGC_6822_a_03_7M	An unbiased census of giant molecular clouds in the low-metal dwarf galaxy NGC 6822	Kohno	EA	7-m	3

03:21:14	04:43:31	2019.2.00126.S	NGC_7252_a_03_7M	Can Isotopologue Line Ratios Probe the IMF in Extremely Star-Forming Galaxies?	Brown	NA	7-m	3
04:25:44	05:43:30	2019.1.01072.S	omi_Cet_a_06_TM1	Mira. The first AGB star in a triple system ?	Alcolea	EU	12-m	6
05:24:47	06:51:13	2019.2.00218.S	basic19+_a_03_7M	ACA Linescan of 2 z>5 SMGs in the CDF-S	Bauer	CL	7-m	3
05:44:22	07:02:29	2019.1.01072.S	omi_Cet_a_06_TM1	Mira. The first AGB star in a triple system ?	Alcolea	EU	12-m	6
06:51:51	08:18:26	2019.2.00218.S	basic19+_a_03_7M	ACA Linescan of 2 z>5 SMGs in the CDF-S	Bauer	CL	7-m	3
07:21:21	08:35:03	2019.1.00760.T	GRB21091_a_03_TM1	Characterization of Short GRB Afterglows	Huang	EA	12-m	3
08:19:31	09:42:08	2019.2.00132.S	Seo09_a_03_7M	Spatial Distribution of COMs within a Starless Core	Scibelli	NA	7-m	3
08:35:10	09:44:31	2019.1.00760.T	GRB21091_a_04_TM1	Characterization of Short GRB Afterglows	Huang	EA	12-m	4
09:42:58	11:08:52	2019.2.00218.S	basic19+_c_03_7M	ACA Linescan of 2 z>5 SMGs in the CDF-S	Bauer	CL	7-m	3
09:47:01	11:06:22	2019.1.01707.S	FU_Ori_a_06_TM1	RESOLVING THE TWIN DISKS IN THE FU ORI SYSTEM: Episodic accretion via binary interactions?	Perez	CL	12-m	6