

**ALMA Observing Activity from 2022-06-20T17:59:00 to 2022-06-27T18:00:00**  
**QA0 pass executions**

**2022-06-26**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
15:08:48	16:12:22	2021.1.01099.S	TMC1_a_03_TP	Revealing the Physical Properties of Fibers in the TMC-1 Filament	Nakamura	EA	Total Power	3
12:06:39	13:08:40	2021.1.01188.S	GDS-3665_a_03_TM1	CO Kinematics at Cosmic Noon: Timing the Redistribution of Metals Around Galaxies	Simons	NA	12-m	3
11:20:30	12:45:59	2021.2.00049.S	ngc1068_a_03_TP	Completing 2.6-mm and 1.3-mm spectral scans toward the prototypical Seyfert galaxy NGC 1068	Saito	EA	Total Power	3
11:04:02	12:06:29	2021.1.01188.S	GDS-3665_a_03_TM1	CO Kinematics at Cosmic Noon: Timing the Redistribution of Metals Around Galaxies	Simons	NA	12-m	3
11:02:18	12:20:30	2021.2.00049.S	ngc1068_c_03_7M	Completing 2.6-mm and 1.3-mm spectral scans toward the prototypical Seyfert galaxy NGC 1068	Saito	EA	7-m	3
09:59:16	11:20:26	2021.2.00019.S	DRC_a_03_TP	Large-scale starburst activity in the Early Universe: Locating the fuel for star formation	Man	NA	Total Power	3
09:48:24	11:02:15	2021.2.00052.S	HerBS-56_a_03_7M	The Home Straight - CO Redshifts of Herschel's Brightest SMGs	Bakx	EA	7-m	3
09:36:23	10:45:26	2021.1.00344.S	DRC-2_a_04_TM1	A sub-arcsec ALMA view of a luminous obscured AGN in a gas-rich protocluster at z=4	Vito	EU	12-m	4
08:31:45	09:30:59	2021.2.00052.S	HerBS-33_a_03_7M	The Home Straight - CO Redshifts of Herschel's Brightest SMGs	Bakx	EA	7-m	3
08:27:07	09:36:21	2021.1.00344.S	DRC-2_a_04_TM1	A sub-arcsec ALMA view of a luminous obscured AGN in a gas-rich protocluster at z=4	Vito	EU	12-m	4
08:12:15	09:33:52	2021.2.00019.S	DRC_a_03_TP	Large-scale starburst activity in the Early Universe: Locating the fuel for star formation	Man	NA	Total Power	3
07:33:05	08:31:41	2021.2.00052.S	HerBS-67_a_03_7M	The Home Straight - CO Redshifts of Herschel's Brightest SMGs	Bakx	EA	7-m	3
07:26:25	08:27:03	2021.1.00838.S	S15_b_03_TM1	Stars or Black Holes? What mechanisms cause the rapid shutdown of star formation at the end of a burst?	French	NA	12-m	3
07:22:48	08:12:11	2021.2.00164.S	SS433_kn_a_03_TP	Study of microquasar SS433 as a cosmic-ray particle accelerator	Sakemi	EA	Total Power	3
06:18:05	07:33:02	2021.1.00330.S	NGC_6822_c_03_7M	An unbiased census of giant molecular clouds in the low-metal dwarf galaxy NGC 6822	Tosaki	EA	7-m	3
06:17:02	07:26:21	2021.1.00398.S	LAB1_a_03_TM1	Molecular Gas Census in a giant Lyman-alpha blob at z=3	Umehata	EA	12-m	3
06:12:38	07:22:35	2021.1.00172.L	Sgr_A_st_x_03_TP	ACES: The ALMA CMZ Exploration Survey	Longmore	EA EU NA	Total Power	3
05:04:19	06:16:58	2021.1.01720.S	V4046_Sg_a_03_TM1	Benchmarking 13C fractionation with HC3N in protoplanetary disks	Loomis	NA	12-m	3
05:02:46	06:12:33	2021.1.00172.L	Sgr_A_st_x_03_TP	ACES: The ALMA CMZ Exploration Survey	Longmore	EA EU NA	Total Power	3
05:02:26	06:18:00	2021.1.00172.L	Sgr_A_st_as_03_7M	ACES: The ALMA CMZ Exploration Survey	Longmore	EA EU NA	7-m	3
04:26:46	05:00:55	2021.1.00172.L	Sgr_A_st_x_03_TP	ACES: The ALMA CMZ Exploration Survey	Longmore	EA EU NA	Total Power	3
03:10:39	04:26:37	2021.1.00172.L	Sgr_A_st_x_03_TP	ACES: The ALMA CMZ Exploration Survey	Longmore	EA EU NA	Total Power	3
01:56:02	03:06:08	2021.1.00172.L	Sgr_A_st_x_03_TP	ACES: The ALMA CMZ Exploration Survey	Longmore	EA EU NA	Total Power	3
00:59:33	02:21:05	2019.2.00252.S	rho_Oph_a_03_7M	Spectral variations of spinning dust emission in the Oph W PDR: the role of ions.	Vidal	CL	7-m	3
00:57:45	01:55:28	2021.1.00838.S	J1313_a_03_TM1	Stars or Black Holes? What mechanisms cause the rapid shutdown of star formation at the end of a burst?	French	NA	12-m	3
00:32:43	01:55:59	2021.1.00802.S	IRAS_162_a_06_TP	Mapping Flows of Gas Around 0.2 to 310 Lsun Protostars: ALMA Imaging of JWST Targeted	Federman	NA	Total Power	6

## Protostars

2022-06-25

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:30:14	00:31:23	2021.1.00766.S	RXCJ1558_b_05_TM1	Constraining the cold accretion onto the most massive Black Holes	Rose	EU	12-m	5
23:29:17	00:47:01	2021.1.01142.S	J1347+23_a_04_7M	The cold molecular medium across Enormous Ly-alpha Nebulae: studying clustered galaxy formation with ALMA+ACA	Emonts	NA	7-m	4
22:21:27	23:20:31	2021.1.00838.S	J1057_a_03_TM1	Stars or Black Holes? What mechanisms cause the rapid shutdown of star formation at the end of a burst?	French	NA	12-m	3
22:15:58	23:30:10	2021.1.00199.S	NGC3941_a_03_TP	Systematically Measuring CO Emission of Double-Barred Galaxies	Wu	EA	Total Power	3
22:06:00	23:29:10	2021.2.00116.S	Cha-MOSA_a_03_7M	Ice and Gas: Novel insights into the cold chemistry of molecular cloud cores	Jorgensen	EU	7-m	3
21:35:17	22:03:51	2021.1.01500.S	cid_87_a_03_TM1	Unravelling the pathways of AGN-driven quenching in high-redshift galaxies	Rosario	EU	12-m	3
20:59:42	22:14:20	2021.1.00199.S	NGC3941_a_03_TP	Systematically Measuring CO Emission of Double-Barred Galaxies	Wu	EA	Total Power	3
20:42:13	22:05:56	2021.2.00116.S	Cha-MOSA_a_03_7M	Ice and Gas: Novel insights into the cold chemistry of molecular cloud cores	Jorgensen	EU	7-m	3
19:59:08	21:20:19	2021.1.01159.S	COS2987_a_06_TM1	Witnessing the Assembly of a Massive Rotating Disk Galaxy In the Epoch of Reionization	Posses	CL	12-m	6
19:48:45	20:59:37	2021.2.00175.S	WB89_114_a_06_TP	An ACA census of Galactic metal-poor molecular clouds	Lin	OTHER	Total Power	6
19:26:07	20:42:09	2021.2.00137.S	cid_346_a_04_7M	Properties of the most extended molecular halo ever observed	Circosta	EU	7-m	4
18:39:08	19:38:34	2021.1.00607.S	G244.8+5_a_04_TM1	The dense gas star-formation law in dusty star-forming galaxies at z~2-4	Canameras	EU	12-m	4
12:18:38	13:25:06	2021.1.01188.S	GDS-4039_a_03_TM1	CO Kinematics at Cosmic Noon: Timing the Redistribution of Metals Around Galaxies	Simons	NA	12-m	3
11:09:11	12:18:34	2021.1.00344.S	DRC-2_a_04_TM1	A sub-arcsec ALMA view of a luminous obscured AGN in a gas-rich protocluster at z=4	Vito	EU	12-m	4
10:08:31	11:09:08	2021.1.00838.S	S15_b_03_TM1	Stars or Black Holes? What mechanisms cause the rapid shutdown of star formation at the end of a burst?	French	NA	12-m	3
08:13:00	09:21:55	2021.1.00398.S	LAB1_a_03_TM1	Molecular Gas Census in a giant Lyman-alpha blob at z=3	Umehata	EA	12-m	3
07:03:33	08:12:53	2021.1.00398.S	LAB1_a_03_TM1	Molecular Gas Census in a giant Lyman-alpha blob at z=3	Umehata	EA	12-m	3
06:18:02	07:33:12	2021.1.00330.S	NGC_6822_c_03_7M	An unbiased census of giant molecular clouds in the low-metal dwarf galaxy NGC 6822	Tosaki	EA	7-m	3
05:51:18	07:03:29	2021.1.01720.S	V4046_Sg_a_03_TM1	Benchmarking 13C fractionation with HC3N in protoplanetary disks	Loomis	NA	12-m	3
05:02:21	06:17:58	2021.1.00172.L	Sgr_A_st_b_updated_03_7M	ACES: The ALMA CMZ Exploration Survey	Longmore	EA EU NA	7-m	3
04:38:21	05:51:14	2021.1.01720.S	V4046_Sg_a_03_TM1	Benchmarking 13C fractionation with HC3N in protoplanetary disks	Loomis	NA	12-m	3
03:55:52	04:38:17	2021.1.00658.T	GRB22010_e_03_TM1	Gamma-ray Burst Physics with ALMA: Laskar Direct Implications for the Explosions and Progenitors	Laskar	EU	12-m	3
03:46:09	05:02:18	2021.1.00172.L	Sgr_A_st_b_updated_03_7M	ACES: The ALMA CMZ Exploration Survey	Longmore	EA EU NA	7-m	3
03:12:42	03:55:49	2021.1.00658.T	GRB22010_e_03_TM1	Gamma-ray Burst Physics with ALMA: Laskar Direct Implications for the Explosions and Progenitors	Laskar	EU	12-m	3
02:30:15	03:46:05	2021.1.00172.L	Sgr_A_st_b_updated_03_7M	ACES: The ALMA CMZ Exploration Survey	Longmore	EA EU NA	7-m	3
02:00:16	03:12:37	2021.1.01720.S	V4046_Sg_a_03_TM1	Benchmarking 13C fractionation	Loomis	NA	12-m	3

with HC3N in protoplanetary disks

01:05:09	02:00:12	2021.1.01210.T	TDE1_d_03_TM1	A Systematic Survey of Jets and Outflows in Tidal Disruption Events with ALMA	Alexander	NA	12-m	3
00:57:16	02:19:01	2019.2.00252.S	rho_Oph_a_03_7M	Spectral variations of spinning dust emission in the Oph W PDR: the role of ions.	Vidal	CL	7-m	3

**2022-06-24**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:55:06	00:50:04	2021.1.01210.T	TDE1_d_03_TM1	A Systematic Survey of Jets and Outflows in Tidal Disruption Events with ALMA	Alexander	NA	12-m	3
23:47:41	00:43:45	2021.2.00052.S	HerBS-13_e_03_7M	The Home Straight - CO Redshifts of Herschel's Brightest SMGs	Bakx	EA	7-m	3
23:06:10	23:44:52	2021.2.00052.S	HerBS-16_c_03_7M	The Home Straight - CO Redshifts of Herschel's Brightest SMGs	Bakx	EA	7-m	3
22:51:31	23:46:41	2021.1.01210.T	TDE1_d_03_TM1	A Systematic Survey of Jets and Outflows in Tidal Disruption Events with ALMA	Alexander	NA	12-m	3
21:24:25	22:31:45	2021.1.00869.L	ad3a-232_c_03_TM1	Bulge symmetry or not? The hidden dynamics of the Far Side	Sjouerman	NA	12-m	3

**2022-06-21**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
02:54:22	04:28:29	2021.1.00128.L	J1612437_a_06_TM1	AGE-PRO: the ALMA survey of Gas Evolution in PROtoplanetary disks	Zhang	CL EU NA	12-m	6
00:58:53	02:33:22	2021.1.00128.L	J1612437_a_06_TM1	AGE-PRO: the ALMA survey of Gas Evolution in PROtoplanetary disks	Zhang	CL EU NA	12-m	6

**2022-06-20**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:37:20	00:36:38	2021.1.00607.S	G244.8+5_a_04_TM1	The dense gas star-formation law in dusty star-forming galaxies at z~2-4	Canameras	EU	12-m	4