

**ALMA Observing Activity from 2021-12-06T17:59:00 to 2021-12-13T18:00:00**  
**QA0 pass executions**

**2021-12-13**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
16:28:15	17:18:20	2021.1.00548.S	SgrC_a_07_TP	Tomography of the peculiar Sgr C cloud: a higher density threshold for star formation in a highly turbulent environment?	Lu	EA	Total Power	7
16:23:17	17:36:45	2021.1.00172.L	Sgr_A_st_ar_03_7M	ACES: The ALMA CMZ Exploration Survey	Longmore	EA EU NA	7-m	3
15:10:13	16:21:29	2021.1.00869.L	ad3a-232_b_03_TM1	Bulge symmetry or not? The hidden dynamics of the Far Side	Sjouwerman	NA	12-m	3
15:00:39	16:16:10	2021.1.00172.L	Sgr_A_st_m_03_7M	ACES: The ALMA CMZ Exploration Survey	Longmore	EA EU NA	7-m	3
14:51:08	16:21:11	2021.1.00548.S	SgrC_a_07_TP	Tomography of the peculiar Sgr C cloud: a higher density threshold for star formation in a highly turbulent environment?	Lu	EA	Total Power	7
13:33:56	14:58:40	2021.1.00379.S	AG351.57_a_06_7M	Unveiling the distribution of the cosmic-rays ionization rate with ALMA	Sabatini	CL	7-m	6
13:30:14	14:44:14	2021.1.00439.S	NGC4038_a_07_TP	How do clouds regulate star formation? A detailed view of the Antennae merger	Wilson	NA	Total Power	7
13:25:06	14:48:18	2021.1.00869.L	ad3a-205_a_03_TM1	Bulge symmetry or not? The hidden dynamics of the Far Side	Sjouwerman	NA	12-m	3
11:48:55	12:06:01	2021.1.00353.S	J1449_a_06_TM1	Probing gas excitation variations in lensed starbursts at cosmic noon via sub-kpc imaging of [CI] and the CO ladder	Harrington	EU	12-m	6
11:28:33	12:00:37	2021.1.01150.S	ESO097-0_a_06_TP	AGN-galaxy interplay through multiphase outflows and feedback	Rojas	CL	Total Power	6
11:26:13	12:02:01	2021.1.00966.S	ngc4889_a_06_7M	Towards a sample of SMBH shadows, Nagar rings, accretion flows and jet bases: ACA fluxes of SMBHs with large photon rings		CL	7-m	6
11:23:27	11:47:30	2021.1.00353.S	J1322_a_06_TM1	Probing gas excitation variations in lensed starbursts at cosmic noon via sub-kpc imaging of [CI] and the CO ladder	Harrington	EU	12-m	6
10:00:31	11:23:24	2021.1.01616.L	UGC_0669_a_06_7M	ALMA JELLY - Survey of Nearby Jellyfish and Ram Pressure Stripped Galaxies	Jachym	EA EU NA	7-m	6
09:53:37	11:21:03	2021.1.00280.L	DEIMOS_C_a_07_TM1	CRISTAL: a survey of gas, dust and stars on kiloparsec scales in star-forming galaxies at z~4-5	Herrera-Camus	CL EA EU NA	12-m	7
09:37:39	10:45:20	2021.1.00439.S	NGC4038_a_07_TP	How do clouds regulate star formation? A detailed view of the Antennae merger	Wilson	NA	Total Power	7
08:22:35	09:36:54	2021.1.00439.S	NGC4038_a_07_TP	How do clouds regulate star formation? A detailed view of the Antennae merger	Wilson	NA	Total Power	7
08:12:09	09:39:50	2021.1.00280.L	DEIMOS_C_a_07_TM1	CRISTAL: a survey of gas, dust and stars on kiloparsec scales in star-forming galaxies at z~4-5	Herrera-Camus	CL EA EU NA	12-m	7
07:49:25	09:07:54	2021.1.01706.S	S284_2_a_06_7M	Core mass function in the lowest metallicity star-forming region in the Galaxy	Cheng	NA	7-m	6
07:10:42	08:20:32	2021.1.00200.S	LHA_120-_a_08_TP	[CI] observations of the Magellanic Supernova Remnant N49	Sano	EA	Total Power	8
06:43:29	08:11:07	2021.1.00280.L	DEIMOS_C_a_07_TM1	CRISTAL: a survey of gas, dust and stars on kiloparsec scales in star-forming galaxies at z~4-5	Herrera-Camus	CL EA EU NA	12-m	7
06:30:11	07:48:54	2021.1.01706.S	S284_2_a_06_7M	Core mass function in the lowest metallicity star-forming region in the Galaxy	Cheng	NA	7-m	6
05:59:49	07:10:03	2021.1.00200.S	LHA_120-_a_08_TP	[CI] observations of the Magellanic Supernova Remnant N49	Sano	EA	Total Power	8
05:50:46	06:42:42	2021.1.01661.S	GW_Ori_a_06_TM2	Disk misalignments in the GW Orionis Kraus triple system: Disk tearing or planets?		EU	12-m	6
05:11:51	06:30:07	2021.1.00536.S	L1527_a_06_7M	Role of ambipolar diffusion in disk formation around protostars	Yen	EA	7-m	6
04:49:04	05:59:13	2021.1.00200.S	LHA_120-_a_08_TP	[CI] observations of the	Sano	EA	Total Power	8

## Magellanic Supernova Remnant N49

04:31:39	05:49:53	2021.1.00473.S	MHO1_a_06_TM1	A Chemistry Survey of Protoplanetary Long Disks in Binary Systems	NA	EA	12-m	6
03:48:13	05:10:42	2021.1.00536.S	L1527_a_06_7M	Role of ambipolar diffusion in disk formation around protostars	Yen	EA	7-m	6
03:38:07	04:48:32	2021.1.00200.S	LHA_120-_a_08_TP	[CI] observations of the Magellanic Supernova Remnant N49	Sano	EA	Total Power	8
03:16:54	04:29:29	2018.1.00625.S	IRAS0416_a_07_TM1	Unveiling Counter Rotation between the Disk and Envelope around the Class I Protostar IRAS 04169+2702	Takakuwa	EA	12-m	7
02:39:13	03:31:59	2021.1.00490.S	N11_N_4_a_06_TP	Filament and high-mass star formation triggered by tidally-driven colliding HI flows in the LMC	Tsuge	EA	Total Power	6
02:14:04	03:35:50	2021.1.00536.S	L1527_a_06_7M	Role of ambipolar diffusion in disk formation around protostars	Yen	EA	7-m	6
02:09:19	03:16:08	2019.1.01718.S	NGC1512_a_07_TM1	PHANGS-CMZs: Uncovering the Lifecycle of Galactic Nuclei by Mapping Extragalactic 'Central Molecular Zones'	Chevance	EU	12-m	7
01:08:46	02:25:35	2021.1.00199.S	NGC357_a_03_TP	Systematically Measuring CO Emission of Double-Barred Galaxies	Wu	EA	Total Power	3
00:37:21	01:44:01	2021.1.00024.S	cdfs50+3_a_03_TM1	A Legacy Survey of SMGs in the CDF-S	Bauer	CL	12-m	3
00:15:59	01:37:31	2021.1.01644.S	NGC1068_a_06_7M	Probing the Excitation and the Mass-Luminosity Conversion Factor of the Dense, Star Forming Gas Across Galaxy Disks	García-Rodríguez	EU	7-m	6

**2021-12-12**

<b>Start (UT)</b>	<b>End (UT)</b>	<b>Project Code</b>	<b>SchedBlock</b>	<b>Project Title</b>	<b>PI</b>	<b>Executive</b>	<b>Array</b>	<b>Band</b>
23:51:18	01:08:42	2021.1.00199.S	NGC357_a_03_TP	Systematically Measuring CO Emission of Double-Barred Galaxies	Wu	EA	Total Power	3
23:39:10	00:37:16	2021.1.01650.S	UDS-3107_a_03_TM1	Towards a systematic redshift determination of HST-dark galaxies	Kohno	EA	12-m	3
20:53:29	22:06:13	2021.1.01246.S	RXCJ0032_b_03_TM1	Spectroscopic identification of candidate overdensity regions of H-dropout ALMA galaxies behind two lensing clusters	Kohno	EA	12-m	3
20:13:12	20:47:32	2021.1.00474.S	ACT-S_J2_a_04_TM1	A statistical survey for dusty starbursting protoclusters at $z > 4$	Kubo	EA	12-m	4
11:36:39	11:56:27	2021.1.00854.S	Sz_50_a_06_TM2	Tracing planet-forming pebbles across the water snow line with the synergy of ALMA and JWST	Long	NA	12-m	6
11:01:11	11:35:19	2021.1.00353.S	J1428_a_07_TM1	Probing gas excitation variations in lensed starbursts at cosmic noon via sub-kpc imaging of [CI] and the CO ladder	Harrington	EU	12-m	7
10:45:36	11:57:12	2019.2.00033.S	M83_b_08_TP	Atomic carbon in a prototypical barred-spiral galaxy M83	Harada	EA	Total Power	8
10:15:17	10:35:41	2021.1.00353.S	J1138_a_06_TM1	Probing gas excitation variations in lensed starbursts at cosmic noon via sub-kpc imaging of [CI] and the CO ladder	Harrington	EU	12-m	6
09:44:27	10:13:42	2021.1.00854.S	XX_Cha_a_06_TM2	Tracing planet-forming pebbles across the water snow line with the synergy of ALMA and JWST	Long	NA	12-m	6
09:28:17	10:42:22	2021.1.00439.S	NGC4038_a_07_TP	How do clouds regulate star formation? A detailed view of the Antennae merger	Wilson	NA	Total Power	7
09:01:26	10:20:37	2021.1.01616.L	UGC_0669_a_06_7M	ALMA JELLY - Survey of Nearby Jellyfish and Ram Pressure Stripped Galaxies	Jachym	EA EU NA	7-m	6
08:39:44	09:43:40	2021.1.00280.L	DEIMOS_C_b_07_TM1	CRISTAL: a survey of gas, dust and stars on kiloparsec scales in star-forming galaxies at $z \sim 4-5$	Herrera-Camus	CL EA EU NA	12-m	7
08:13:30	09:27:51	2021.1.00439.S	NGC4038_a_07_TP	How do clouds regulate star formation? A detailed view of the Antennae merger	Wilson	NA	Total Power	7
07:42:03	09:00:58	2021.1.01706.S	S284_2_a_06_7M	Core mass function in the lowest metallicity star-forming region in the Galaxy	Cheng	NA	7-m	6

07:12:07	08:39:40	2021.1.00280.L	DEIMOS_C_a_07_TM1	CRISTAL: a survey of gas, dust and stars on kiloparsec scales in star-forming galaxies at z~4-5	Herrera-Camus	CL EA EU NA	12-m	7
07:02:59	08:12:56	2021.1.00200.S	LHA_120-_a_08_TP	[CI] observations of the Magellanic Supernova Remnant N49	Sano	EA	Total Power	8
06:35:00	06:53:48	2021.1.00854.S	HD_35929_a_06_TM2	Tracing planet-forming pebbles across the water snow line with the synergy of ALMA and JWST	Long	NA	12-m	6
06:25:06	07:41:38	2021.1.00367.S	30_Dorad_I_06_7M	ACA Mapping of the Largest Supergiant HII Region in the Nearby Universe: 30 Doradus	Bolatto	NA	7-m	6
05:51:57	07:02:24	2021.1.00200.S	LHA_120-_a_08_TP	[CI] observations of the Magellanic Supernova Remnant N49	Sano	EA	Total Power	8
05:26:27	06:33:26	2021.1.01056.S	S255IR_N_c_06_TM1	The chemical evolution of complex organic molecules from hot core to disk in S255IR NIRS3	Baek	EA	12-m	6
04:24:18	05:25:42	2021.1.00024.S	cdfs33_a_03_TM1	A Legacy Survey of SMGs in the CDF-S	Bauer	CL	12-m	3
04:07:20	05:23:59	2021.1.00367.S	30_Dorad_I_06_7M	ACA Mapping of the Largest Supergiant HII Region in the Nearby Universe: 30 Doradus	Bolatto	NA	7-m	6
03:42:55	04:06:12	2021.1.00927.S	Betelgeu_c_07_7M	The fall and rise of Betelgeuse: diving in its ejecta with ACA	Agliozzo	EU	7-m	7
03:30:45	04:24:11	2021.1.00490.S	N44_W_S_a_06_TP	Filament and high-mass star formation triggered by tidally-driven colliding HI flows in the LMC	Tsuge	EA	Total Power	6
00:42:43	01:47:06	2021.1.00199.S	NGC357_a_03_TP	Systematically Measuring CO Emission of Double-Barred Galaxies	Wu	EA	Total Power	3
00:29:32	01:20:02	2021.1.01188.S	GDS-4105_a_03_TM1	CO Kinematics at Cosmic Noon: Timing the Redistribution of Metals Around Galaxies	Simons	NA	12-m	3

## 2021-12-11

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:54:21	01:27:10	2021.1.00999.S	M33_ck_06_7M	A Complete Molecular Gas Map of M33 with the ACA	Koch	NA	7-m	6
13:35:39	14:56:15	2021.1.00869.L	ad3a-205_b_03_TM1	Bulge symmetry or not? The hidden dynamics of the Far Side	Sjouerman	NA	12-m	3
12:47:17	14:04:43	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
12:20:45	13:39:23	2021.1.00783.S	NGC4945_a_06_TP	The Molecular Wind of NGC4945	Bolatto	NA	Total Power	6
10:40:46	12:03:05	2021.1.00740.S	NGC2903_a_03_7M	Extragalactic Cloud Scale Observations of High Critical Density Tracers - Bridging the Gap to the Milky Way	Barnes	EU	7-m	3
10:07:39	11:27:44	2021.1.00869.L	ad3a-206_a_03_TM1	Bulge symmetry or not? The hidden dynamics of the Far Side	Sjouerman	NA	12-m	3
10:03:05	11:21:11	2021.1.00783.S	NGC4945_a_06_TP	The Molecular Wind of NGC4945	Bolatto	NA	Total Power	6
09:30:31	10:06:55	2018.1.00370.S	NGC3191_a_03_TM1	Physical Properties of the Closest Superluminous Supernova Host Galaxy	Hatsukade	EA	12-m	3
09:02:26	10:02:23	2021.1.00199.S	NGC3384_a_03_TP	Systematically Measuring CO Emission of Double-Barred Galaxies	Wu	EA	Total Power	3
09:00:20	10:22:38	2021.1.00740.S	NGC2903_a_03_7M	Extragalactic Cloud Scale Observations of High Critical Density Tracers - Bridging the Gap to the Milky Way	Barnes	EU	7-m	3
08:52:19	09:29:13	2018.1.00370.S	NGC3191_a_03_TM1	Physical Properties of the Closest Superluminous Supernova Host Galaxy	Hatsukade	EA	12-m	3
06:24:36	07:39:59	2021.1.00802.S	HOPS-153_a_06_TP	Mapping Flows of Gas Around 0.2 to 310 Lsun Protostars: ALMA Imaging of JWST Targeted Protostars	Federman	NA	Total Power	6
06:17:07	07:35:40	2021.1.01706.S	S284_2_a_06_7M	Core mass function in the lowest metallicity star-forming region in the Galaxy	Cheng	NA	7-m	6
05:31:23	06:24:06	2021.1.00490.S	N44_W_S_a_06_TP	Filament and high-mass star formation triggered by tidally-driven colliding HI flows in the LMC	Tsuge	EA	Total Power	6

05:27:34	06:36:17	2021.1.00024.S	cdfs21_b_03_TM1	A Legacy Survey of SMGs in the CDF-S	Bauer	CL	12-m	3
04:53:56	06:16:23	2021.1.01099.S	TMC1_b_03_7M	Revealing the Physical Properties of Fibers in the TMC-1 Filament	Nakamura	EA	7-m	3
04:26:17	05:30:36	2021.1.01099.S	TMC1_a_03_TP	Revealing the Physical Properties of Fibers in the TMC-1 Filament	Nakamura	EA	Total Power	3
04:17:23	05:26:24	2021.1.00024.S	cdfs21_a_03_TM1	A Legacy Survey of SMGs in the CDF-S	Bauer	CL	12-m	3
03:30:41	04:53:06	2021.1.01099.S	TMC1_b_03_7M	Revealing the Physical Properties of Fibers in the TMC-1 Filament	Nakamura	EA	7-m	3
03:21:27	04:25:55	2021.1.01099.S	TMC1_a_03_TP	Revealing the Physical Properties of Fibers in the TMC-1 Filament	Nakamura	EA	Total Power	3
03:11:59	03:37:24	2021.1.01676.S	ALESS079_b_05_TM1	A CO census of high-redshift submillimetre galaxies in ECDFS	Thomson	EU	12-m	5
02:04:10	03:21:02	2021.1.00199.S	NGC357_a_03_TP	Systematically Measuring CO Emission of Double-Barred Galaxies	Wu	EA	Total Power	3
02:03:11	03:30:01	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	Galametz	EU	7-m	4
02:00:39	03:04:41	2021.1.00252.S	SPT0418-_a_04_TM1	Star Formation Under the Cosmic Microscope with JWST + ALMA	Vieira	NA	12-m	4
01:34:18	01:59:26	2021.1.01676.S	ALESS087_a_05_TM1	A CO census of high-redshift submillimetre galaxies in ECDFS	Thomson	EU	12-m	5
01:02:36	01:25:15	2021.1.01676.S	ALESS112_a_05_TM1	A CO census of high-redshift submillimetre galaxies in ECDFS	Thomson	EU	12-m	5
00:33:15	01:50:30	2021.1.00199.S	NGC357_a_03_TP	Systematically Measuring CO Emission of Double-Barred Galaxies	Wu	EA	Total Power	3
00:29:06	00:46:28	2021.1.01150.S	NGC_985_a_06_TM1	AGN-galaxy interplay through multiphase outflows and feedback	Rojas	CL	12-m	6
00:27:12	01:46:58	2021.1.01626.S	NGC7377_a_06_7M	CLoGS ACA	O'Sullivan	NA	7-m	6

## 2021-12-10

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:26:06	00:27:13	2021.1.00024.S	cdfs46_s_a_03_TM1	A Legacy Survey of SMGs in the CDF-S	Bauer	CL	12-m	3
23:16:29	23:58:10	2021.1.01683.S	SDSS_J02_b_04_7M	The total molecular gas content of the most luminous QSO 2s at $0.4 < z < 0.8$	Ramakrishnan	CL	7-m	4
11:10:46	11:50:10	2021.1.01650.S	COS-3448_b_03_TM1	Towards a systematic redshift determination of HST-dark galaxies	Kohno	EA	12-m	3
10:26:03	11:31:28	2021.1.00439.S	NGC4038_a_03_TP	How do clouds regulate star formation? A detailed view of the Antennae merger	Wilson	NA	Total Power	3
10:13:53	11:36:15	2021.1.00740.S	NGC2903_a_03_7M	Extragalactic Cloud Scale Observations of High Critical Density Tracers - Bridging the Gap to the Milky Way	Barnes	EU	7-m	3
09:21:37	10:25:34	2021.1.00439.S	NGC4038_a_03_TP	How do clouds regulate star formation? A detailed view of the Antennae merger	Wilson	NA	Total Power	3
08:48:00	10:10:16	2021.1.00740.S	NGC2903_a_03_7M	Extragalactic Cloud Scale Observations of High Critical Density Tracers - Bridging the Gap to the Milky Way	Barnes	EU	7-m	3
08:35:55	09:47:22	2021.1.00869.L	ad3a-213_a_03_TM1	Bulge symmetry or not? The hidden dynamics of the Far Side	Sjouerman	NA	12-m	3
08:16:40	09:20:47	2021.1.00439.S	NGC4038_a_03_TP	How do clouds regulate star formation? A detailed view of the Antennae merger	Wilson	NA	Total Power	3
07:24:38	08:46:43	2021.1.00740.S	NGC2903_a_03_7M	Extragalactic Cloud Scale Observations of High Critical Density Tracers - Bridging the Gap to the Milky Way	Barnes	EU	7-m	3
06:58:32	08:15:53	2021.1.00199.S	NGC2859_a_03_TP	Systematically Measuring CO Emission of Double-Barred Galaxies	Wu	EA	Total Power	3
06:49:21	07:57:08	2021.1.00869.L	ad3a-216_c_03_TM1	Bulge symmetry or not? The hidden dynamics of the Far Side	Sjouerman	NA	12-m	3
06:37:30	07:24:01	2021.1.01683.S	SDSS_J08_a_04_7M	The total molecular gas content of the most luminous QSO 2s at $0.4 < z < 0.8$	Ramakrishnan	CL	7-m	4
06:13:29	06:46:50	2021.1.00869.L	ad3a-243_a_03_TM1	Bulge symmetry or not? The hidden dynamics of the Far Side	Sjouerman	NA	12-m	3

05:53:06	06:55:46	2021.1.01099.S	TMC1_a_03_TP	Revealing the Physical Properties of Fibers in the TMC-1 Filament	Nakamura	EA	Total Power	3
05:14:44	06:06:42	2021.1.00869.L	ad3a-245_d_03_TM1	Bulge symmetry or not? The hidden dynamics of the Far Side	Sjouerman	NA	12-m	3
04:42:38	05:21:56	2021.1.01683.S	SDSS_J03_b_04_7M	The total molecular gas content of the most luminous QSO 2s at $0.4 < z < 0.8$	Ramakrishnan	CL	7-m	4
03:21:23	04:25:27	2021.1.00252.S	SPT0418-a_04_TM1	Star Formation Under the Cosmic Microscope with JWST + ALMA	Vieira	NA	12-m	4
03:20:42	03:59:24	2021.1.01683.S	SDSS_J03_a_04_7M	The total molecular gas content of the most luminous QSO 2s at $0.4 < z < 0.8$	Ramakrishnan	CL	7-m	4
03:03:16	04:10:26	2021.1.01099.S	TMC1_a_03_TP	Revealing the Physical Properties of Fibers in the TMC-1 Filament	Nakamura	EA	Total Power	3
02:16:23	03:20:24	2021.1.00252.S	SPT0418-a_04_TM1	Star Formation Under the Cosmic Microscope with JWST + ALMA	Vieira	NA	12-m	4
01:48:10	03:15:05	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	Galametz	EU	7-m	4
01:40:37	03:02:31	2021.1.00199.S	NGC1291_a_03_TP	Systematically Measuring CO Emission of Double-Barred Galaxies	Wu	EA	Total Power	3
01:28:03	02:06:54	2021.1.01150.S	HE_0224-a_06_TM1	AGN-galaxy interplay through multiphase outflows and feedback	Rojas	CL	12-m	6
00:50:51	01:31:32	2021.1.01683.S	SDSS_J02_a_04_7M	The total molecular gas content of the most luminous QSO 2s at $0.4 < z < 0.8$	Ramakrishnan	CL	7-m	4

## 2021-12-09

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:50:13	01:01:00	2021.1.01291.S	U4-28702_a_03_TM1	Molecular gas distributions in compact dusty star-forming galaxies at $z=2$	Tadaki	EA	12-m	3
23:31:14	00:49:03	2021.1.01142.S	J0220-02_a_04_7M	The cold molecular medium across Enormous Ly-alpha Nebulae: studying clustered galaxy formation with ALMA+ACA	Emonts	NA	7-m	4
23:29:01	23:50:09	2021.1.00474.S	ACT-S_J0_a_04_TM1	A statistical survey for dusty starbursting protoclusters at $z>4$	Kubo	EA	12-m	4
22:10:23	23:30:15	2021.1.00960.S	4C23.56_a_04_7M	Detecting extended [CII] emission in the 4C23.56 protocluster at $z=2.5$	Lee	EU	7-m	4
11:43:27	12:00:42	2021.1.01150.S	ESO097-0_a_06_TM1	AGN-galaxy interplay through multiphase outflows and feedback	Rojas	CL	12-m	6
11:25:44	12:04:58	2021.1.01683.S	SDSS_J11_b_04_7M	The total molecular gas content of the most luminous QSO 2s at $0.4 < z < 0.8$	Ramakrishnan	CL	7-m	4
11:07:33	12:11:48	2021.1.00199.S	NGC3384_a_03_TP	Systematically Measuring CO Emission of Double-Barred Galaxies	Wu	EA	Total Power	3
10:26:02	11:31:03	2021.1.01150.S	HE_1029-a_06_TM1	AGN-galaxy interplay through multiphase outflows and feedback	Rojas	CL	12-m	6
09:48:11	11:16:41	2021.1.01295.S	NGC_3081_a_06_7M	Chasing molecular outflows in local Seyferts with the deepest ACA CO observations	Venturi	CL	7-m	6
09:39:21	10:44:20	2021.1.00439.S	NGC4038_a_03_TP	How do clouds regulate star formation? A detailed view of the Antennae merger	Wilson	NA	Total Power	3
09:03:57	10:24:29	2021.1.00869.L	ad3a-207_b_03_TM1	Bulge symmetry or not? The hidden dynamics of the Far Side	Sjouerman	NA	12-m	3
08:33:50	09:38:58	2021.1.00439.S	NGC4038_a_03_TP	How do clouds regulate star formation? A detailed view of the Antennae merger	Wilson	NA	Total Power	3
08:31:03	09:46:54	2021.1.01142.S	J1035-02_a_04_7M	The cold molecular medium across Enormous Ly-alpha Nebulae: studying clustered galaxy formation with ALMA+ACA	Emonts	NA	7-m	4
07:48:36	09:03:08	2021.1.01054.S	VY_Canis_c_06_TM1	Linking the Chemistry to the Morphology of the Ejecta of Supergiant VY Canis Majoris	Singh	NA	12-m	6
07:12:36	08:33:25	2021.1.00199.S	NGC2859_a_03_TP	Systematically Measuring CO Emission of Double-Barred Galaxies	Wu	EA	Total Power	3
07:12:03	08:30:37	2021.1.01706.S	S284_3_a_06_7M	Core mass function in the lowest metallicity star-forming region in	Cheng	NA	7-m	6

06:03:02	06:19:03	2021.1.00869.L	ad3a-263_a_03_TM1	the Galaxy Bulge symmetry or not? The hidden dynamics of the Far Side	Sjouwerman	NA	12-m	3
05:52:45	07:11:29	2021.1.01706.S	S284_3_a_06_7M	Core mass function in the lowest metallicity star-forming region in the Galaxy	Cheng	NA	7-m	6
05:37:53	06:41:34	2021.1.01099.S	TMC1_a_03_TP	Revealing the Physical Properties of Fibers in the TMC-1 Filament	Nakamura	EA	Total Power	3
05:33:56	05:59:37	2021.1.00869.L	ad3a-257_a_03_TM1	Bulge symmetry or not? The hidden dynamics of the Far Side	Sjouwerman	NA	12-m	3
05:20:34	05:52:15	2021.1.00927.S	Betelgeu_c_06_7M	The fall and rise of Betelgeuse: diving in its ejecta with ACA	Agliozzo	EU	7-m	6
04:47:28	05:31:42	2021.1.00869.L	ad3a-262_a_03_TM1	Bulge symmetry or not? The hidden dynamics of the Far Side	Sjouwerman	NA	12-m	3
04:30:15	05:37:16	2021.1.01099.S	TMC1_a_03_TP	Revealing the Physical Properties of Fibers in the TMC-1 Filament	Nakamura	EA	Total Power	3
03:53:37	05:16:12	2021.1.01099.S	TMC1_b_03_7M	Revealing the Physical Properties of Fibers in the TMC-1 Filament	Nakamura	EA	7-m	3
03:41:53	04:45:52	2021.1.00252.S	SPT0418-_a_04_TM1	Star Formation Under the Cosmic Microscope with JWST + ALMA	Vieira	NA	12-m	4
03:29:08	03:41:16	2021.1.00869.L	ad3a-254_b_03_TM1	Bulge symmetry or not? The hidden dynamics of the Far Side	Sjouwerman	NA	12-m	3
03:16:38	03:27:38	2021.1.00869.L	ad3a-211_b_03_TM1	Bulge symmetry or not? The hidden dynamics of the Far Side	Sjouwerman	NA	12-m	3
02:51:10	03:16:02	2021.1.00869.L	ad3a-183_a_03_TM1	Bulge symmetry or not? The hidden dynamics of the Far Side	Sjouwerman	NA	12-m	3
02:35:59	03:53:33	2021.1.01142.S	J0220-02_a_04_7M	The cold molecular medium across Enormous Ly-alpha Nebulae: studying clustered galaxy formation with ALMA+ACA	Emonts	NA	7-m	4
01:39:34	02:50:31	2021.1.01291.S	U4-28702_a_03_TM1	Molecular gas distributions in compact dusty star-forming galaxies at z=2	Tadaki	EA	12-m	3
01:18:15	02:35:33	2021.1.01142.S	J0220-02_a_04_7M	The cold molecular medium across Enormous Ly-alpha Nebulae: studying clustered galaxy formation with ALMA+ACA	Emonts	NA	7-m	4
00:52:04	02:12:28	2021.1.00199.S	NGC357_a_03_TP	Systematically Measuring CO Emission of Double-Barred Galaxies	Wu	EA	Total Power	3
00:14:16	01:25:25	2021.1.01291.S	U4-28702_a_03_TM1	Molecular gas distributions in compact dusty star-forming galaxies at z=2	Tadaki	EA	12-m	3

## 2021-12-08

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:48:13	01:05:43	2021.1.01142.S	J0220-02_a_04_7M	The cold molecular medium across Enormous Ly-alpha Nebulae: studying clustered galaxy formation with ALMA+ACA	Emonts	NA	7-m	4
23:31:18	00:52:00	2021.1.00199.S	NGC357_a_03_TP	Systematically Measuring CO Emission of Double-Barred Galaxies	Wu	EA	Total Power	3
23:05:35	23:48:09	2021.1.01683.S	SDSS_J01_b_04_7M	The total molecular gas content of the most luminous QSO 2s at $0.4 < z < 0.8$	Ramakrishnan	CL	7-m	4
23:04:39	00:14:12	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
22:51:58	23:04:37	2021.1.00869.L	ad3a-189_b_03_TM1	Bulge symmetry or not? The hidden dynamics of the Far Side	Sjouwerman	NA	12-m	3
21:24:32	22:39:02	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
21:21:18	22:30:56	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
21:01:05	21:11:49	2021.1.00869.L	ad3a-243_b_03_TM1	Bulge symmetry or not? The hidden dynamics of the Far Side	Sjouwerman	NA	12-m	3
19:00:16	20:16:16	2021.1.00172.L	Sgr_A_st_ar_03_7M	ACES: The ALMA CMZ Exploration Survey	Longmore	EA EU NA	7-m	3
18:32:35	19:57:29	2019.2.00146.S	l18308_a_03_TP	Tracing the Flow into Dense Cores in High-Mass Star Forming Filaments	Lu	EA	Total Power	3
17:47:13	19:00:12	2021.1.00172.L	Sgr_A_st_ar_03_7M	ACES: The ALMA CMZ Exploration Survey	Longmore	EA EU NA	7-m	3
17:05:58	18:32:31	2019.2.00146.S	l18308_a_03_TP	Tracing the Flow into Dense Cores in High-Mass Star Forming Filaments	Lu	EA	Total Power	3

16:26:03	17:39:25	2021.1.00172.L	Sgr_A_st_ar_03_7M	ACES: The ALMA CMZ Exploration Survey	Longmore	EA EU NA	7-m	3
15:40:26	16:56:53	2021.1.00172.L	Sgr_A_st_ak_03_TP	ACES: The ALMA CMZ Exploration Survey	Longmore	EA EU NA	Total Power	3
15:09:42	16:25:14	2021.1.00172.L	Sgr_A_st_ar_03_7M	ACES: The ALMA CMZ Exploration Survey	Longmore	EA EU NA	7-m	3
14:24:02	15:40:00	2021.1.00172.L	Sgr_A_st_ak_03_TP	ACES: The ALMA CMZ Exploration Survey	Longmore	EA EU NA	Total Power	3
11:56:35	13:00:39	2021.1.00439.S	NGC4038_a_03_TP	How do clouds regulate star formation? A detailed view of the Antennae merger	Wilson	NA	Total Power	3
11:48:35	13:06:27	2021.1.01195.S	M83_a_03_7M	Do "dense gas tracers" really trace dense gas?	Harada	EA	7-m	3
10:24:32	11:48:43	2021.1.01195.S	M83_b_03_TP	Do "dense gas tracers" really trace dense gas?	Harada	EA	Total Power	3
10:24:00	11:39:43	2021.1.01142.S	J1035-02_a_04_7M	The cold molecular medium across Enormous Ly-alpha Nebulae: studying clustered galaxy formation with ALMA+ACA	Emonts	NA	7-m	4
09:19:23	10:23:39	2021.1.00439.S	NGC4038_a_03_TP	How do clouds regulate star formation? A detailed view of the Antennae merger	Wilson	NA	Total Power	3
09:06:47	10:23:05	2021.1.00199.S	NGC3384_a_03_7M	Systematically Measuring CO Emission of Double-Barred Galaxies	Wu	EA	7-m	3
08:01:34	09:18:22	2021.1.00199.S	NGC2859_a_03_TP	Systematically Measuring CO Emission of Double-Barred Galaxies	Wu	EA	Total Power	3
07:43:58	09:06:22	2021.1.00740.S	NGC2903_a_03_7M	Extragalactic Cloud Scale Observations of High Critical Density Tracers - Bridging the Gap to the Milky Way	Barnes	EU	7-m	3
06:43:24	08:01:03	2021.1.00199.S	NGC2859_a_03_TP	Systematically Measuring CO Emission of Double-Barred Galaxies	Wu	EA	Total Power	3
06:21:06	07:43:34	2021.1.00740.S	NGC2903_a_03_7M	Extragalactic Cloud Scale Observations of High Critical Density Tracers - Bridging the Gap to the Milky Way	Barnes	EU	7-m	3
05:26:22	06:30:40	2021.1.01099.S	TMC1_a_03_TP	Revealing the Physical Properties of Fibers in the TMC-1 Filament	Nakamura	EA	Total Power	3
04:32:34	05:53:12	2021.1.01099.S	TMC1_b_03_7M	Revealing the Physical Properties of Fibers in the TMC-1 Filament	Nakamura	EA	7-m	3
04:21:36	05:25:54	2021.1.01099.S	TMC1_a_03_TP	Revealing the Physical Properties of Fibers in the TMC-1 Filament	Nakamura	EA	Total Power	3
03:16:51	04:21:10	2021.1.01099.S	TMC1_a_03_TP	Revealing the Physical Properties of Fibers in the TMC-1 Filament	Nakamura	EA	Total Power	3
03:08:29	04:29:20	2021.1.01099.S	TMC1_b_03_7M	Revealing the Physical Properties of Fibers in the TMC-1 Filament	Nakamura	EA	7-m	3
01:49:39	03:07:10	2021.1.01142.S	J0220-02_a_04_7M	The cold molecular medium across Enormous Ly-alpha Nebulae: studying clustered galaxy formation with ALMA+ACA	Emonts	NA	7-m	4

## 2021-12-07

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
10:06:48	10:51:18	2021.1.00607.S	G231.3+7_a_03_TM1	The dense gas star-formation law in dusty star-forming galaxies at z~2-4	Canameras	EU	12-m	3
09:20:03	10:42:35	2021.1.00740.S	NGC2903_a_03_7M	Extragalactic Cloud Scale Observations of High Critical Density Tracers - Bridging the Gap to the Milky Way	Barnes	EU	7-m	3
07:40:28	08:50:53	2021.1.00272.S	MACSJ071_a_03_TM1	Small but mighty: Reconciling a paradoxical low-mass, ultra-dusty galaxy at z=4.27	Pope	NA	12-m	3
07:34:53	08:57:21	2021.1.00740.S	NGC2903_a_03_7M	Extragalactic Cloud Scale Observations of High Critical Density Tracers - Bridging the Gap to the Milky Way	Barnes	EU	7-m	3
06:26:24	07:37:39	2021.1.00272.S	MACSJ071_a_03_TM1	Small but mighty: Reconciling a paradoxical low-mass, ultra-dusty galaxy at z=4.27	Pope	NA	12-m	3
05:09:37	06:21:06	2021.1.00272.S	MACSJ071_a_03_TM1	Small but mighty: Reconciling a paradoxical low-mass, ultra-dusty galaxy at z=4.27	Pope	NA	12-m	3
04:10:58	05:33:46	2021.1.01099.S	TMC1_b_03_7M	Revealing the Physical Properties of Fibers in the TMC-1 Filament	Nakamura	EA	7-m	3

04:10:11	05:08:09	2021.1.01650.S	UDS-3107_a_03_TM1	Towards a systematic redshift determination of HST-dark galaxies	Kohno	EA	12-m	3
02:48:27	03:59:29	2021.1.01291.S	U4-28702_a_03_TM1	Molecular gas distributions in compact dusty star-forming galaxies at z=2	Tadaki	EA	12-m	3
01:36:09	02:47:15	2021.1.01291.S	U4-28702_a_03_TM1	Molecular gas distributions in compact dusty star-forming galaxies at z=2	Tadaki	EA	12-m	3
00:10:49	01:22:03	2021.1.01291.S	U4-28702_a_03_TM1	Molecular gas distributions in compact dusty star-forming galaxies at z=2	Tadaki	EA	12-m	3

**2021-12-06**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:01:08	00:10:42	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
21:43:00	22:52:53	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
20:35:28	21:48:24	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
20:30:29	21:42:57	2021.1.01720.S	V4046_Sg_a_03_TM1	Benchmarking $^{13}\text{C}$ fractionation with $\text{HC}_3\text{N}$ in protoplanetary disks	Loomis	NA	12-m	3