

**ALMA Observing Activity from 2020-01-20T17:59:00 to 2020-01-27T18:00:00**  
**QA0 pass executions**

**2020-01-27**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
16:25:26	17:41:06	2019.1.01556.S	SDC13_a_03_TP	On the universality of fibres in star forming filaments	Williams	EU	Total Power	3
15:09:09	16:25:20	2019.1.01556.S	SDC13_a_03_TP	On the universality of fibres in star forming filaments	Williams	EU	Total Power	3

**2020-01-26**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
20:13:18	21:39:43	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
19:31:58	20:25:14	2019.1.01847.S	M31_inte_a_03_TM1	Characterizing the properties of cold, inter-arm GMCs in M31	Jiao	OTHER	12-m	3
18:22:20	20:01:32	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
17:58:08	18:55:08	2019.2.00146.S	l19368_a_03_TP	Tracing the Flow into Dense Cores in High-Mass Star Forming Filaments	Lu	EA	Total Power	3
17:01:07	17:35:20	2019.1.01556.S	SDC13_a_03_TP	On the universality of fibres in star forming filaments	Williams	EU	Total Power	3
15:44:58	17:00:49	2019.1.01556.S	SDC13_a_03_TP	On the universality of fibres in star forming filaments	Williams	EU	Total Power	3
14:44:44	16:06:32	2019.2.00167.S	SerpS-MM_a_03_7M	Grain growth in the youngest protostellar envelopes: the pristine properties of star and planet-forming material	Galamez	EU	7-m	3
14:23:47	15:38:37	2019.1.01768.S	G352_a_03_TM1	Probing the magnetic field towards a massive dense core in the potential well of a hub-filament system	Arzoumanian	EA	12-m	3
14:13:02	15:37:21	2019.1.01556.S	SDC13_a_03_TP	On the universality of fibres in star forming filaments	Williams	EU	Total Power	3
14:00:51	14:44:37	2019.2.00093.S	G343.75-_h_03_7M	Newly discovered hot core precursors: early warm-up phase and diversity	Csengeri	EU	7-m	3
13:17:24	14:00:43	2019.2.00093.S	G343.75-_g_03_7M	Newly discovered hot core precursors: early warm-up phase and diversity	Csengeri	EU	7-m	3
13:05:09	14:23:41	2019.1.01768.S	G352_a_03_TM1	Probing the magnetic field towards a massive dense core in the potential well of a hub-filament system	Arzoumanian	EA	12-m	3
12:56:45	14:12:54	2019.1.01556.S	SDC13_a_03_TP	On the universality of fibres in star forming filaments	Williams	EU	Total Power	3
11:47:33	13:17:17	2019.1.01556.S	SDC13_a_03_7M	On the universality of fibres in star forming filaments	Williams	EU	7-m	3
11:40:42	12:56:38	2019.1.01556.S	SDC13_a_03_TP	On the universality of fibres in star forming filaments	Williams	EU	Total Power	3
10:24:14	11:05:19	2019.2.00194.S	J1518+14_a_03_7M	Quasar Feedback Survey: The impact of jets and outflows on the molecular ISM of quasar host galaxies	Calistro Rivera	EU	7-m	3
09:43:23	10:59:31	2019.2.00134.S	NGC_4303_a_03_TP	An ACA Survey of Dense Gas in Nearby Galaxies	Usero	EU	Total Power	3
09:41:10	10:53:37	2019.1.01010.S	Core1_a_03_TM1	Tracing Molecular Gas Across the Stages of Accretion onto a Galaxy Cluster at z=1.487	Alberts	NA	12-m	3
09:25:50	10:23:26	2019.2.00155.S	HerBS-15_c_03_7M	The home stretch: Completing the redshift catalogue of a large flux-limited high-redshift Herschel sample	Bakx	EA	7-m	3
08:35:08	09:41:03	2019.1.01461.S	Pisco_a_03_TM1	The ALMA revolution: Physical conditions of the most distant quasar host galaxy	Banados	EU	12-m	3
08:26:50	09:43:03	2019.2.00134.S	NGC_4303_a_03_TP	An ACA Survey of Dense Gas in Nearby Galaxies	Usero	EU	Total Power	3
08:26:19	09:25:35	2019.2.00166.S	Musca_b_03_7M	Velocity and density power spectra along the Musca filament: Hints to the origin of the star formation properties	Arzoumanian	EU	7-m	3
07:29:02	08:35:03	2019.1.01461.S	Pisco_a_03_TM1	The ALMA revolution: Physical conditions of the most distant quasar host galaxy	Banados	EU	12-m	3

07:28:26	08:25:39	2019.2.00166.S	Musca_b_03_7M	Velocity and density power spectra along the Musca filament: Hints to the origin of the star formation properties	Arzoumanian	EU	7-m	3
07:10:24	08:26:42	2019.2.00134.S	NGC_4303_a_03_TP	An ACA Survey of Dense Gas in Nearby Galaxies	Usero	EU	Total Power	3
06:43:25	07:28:00	2019.1.01514.S	SMG_a_1_03_TM1	Confirming large-scale structures of dusty galaxies around enormous Lyman-alpha nebulae and high-z quasars	Arrigoni Battaia	EU	12-m	3
05:59:58	07:24:37	2019.2.00134.S	NGC_3521_a_03_7M	An ACA Survey of Dense Gas in Nearby Galaxies	Usero	EU	7-m	3
05:58:41	06:43:18	2019.1.01514.S	SMG_a_1_03_TM1	Confirming large-scale structures of dusty galaxies around enormous Lyman-alpha nebulae and high-z quasars	Arrigoni Battaia	EU	12-m	3
05:53:23	07:10:06	2019.2.00134.S	NGC_4303_a_03_TP	An ACA Survey of Dense Gas in Nearby Galaxies	Usero	EU	Total Power	3
04:51:11	05:58:37	2019.1.00102.S	HiZELS-C_a_03_TM1	A survey for the molecular gas content in normal star-forming galaxies at z~1.5: a VLT/KMOS and ALMA synergy	Ibar	CL	12-m	3
04:27:00	05:53:16	2019.2.00082.S	VY_CMa_a_06_TP	Recovering the flux lost toward VY CMa	Quintana-Lacaci	EU	Total Power	6
04:04:57	04:51:04	2019.1.01514.S	SMG_a_1_03_TM1	Confirming large-scale structures of dusty galaxies around enormous Lyman-alpha nebulae and high-z quasars	Arrigoni Battaia	EU	12-m	3
02:56:13	04:26:53	2019.2.00082.S	VY_CMa_a_06_TP	Recovering the flux lost toward VY CMa	Quintana-Lacaci	EU	Total Power	6
02:27:52	03:35:08	2019.1.01537.S	GS4_4223_a_04_TM1	A joint ALMA-KMOS program to probe the ISM physics and galaxy evolution at z~2	Curti	EU	12-m	4
01:51:33	02:27:41	2019.1.00597.S	8728-127_a_03_TM1	Cold gas on the red sequence: resolving maintenance-mode feedback in action	Belfiore	EU	12-m	3
01:35:50	02:55:04	2019.2.00218.S	basic19+_b_03_7M	ACA Linescan of 2 z>5 SMGs in the CDF-S	Bauer	CL	7-m	3
<b>2020-01-25</b>								
Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
13:04:10	13:45:09	2019.2.00235.S	HD_16427_a_03_7M	A legacy survey of Wolf-Rayet star winds	Phillips	EU	7-m	3
12:46:42	13:44:31	2019.1.01422.S	J1408-07_a_03_TM1	Molecular gas properties of HI 21-cm absorption-selected galaxies at 1<z<2	Dutta	EU	12-m	3
12:26:03	13:23:30	2019.1.01326.S	Position_i_03_TP	Localized Feedback Processes in the Galactic CMZ	Candelaria	NA	Total Power	3
11:29:56	12:32:07	2019.1.00790.S	cB58_a_03_TM1	Dense molecular gas as a test for star formation laws at z=2-3	Man	NA	12-m	3
10:58:51	12:10:07	2019.2.00134.S	NGC_5128_a_03_TP	An ACA Survey of Dense Gas in Nearby Galaxies	Usero	EU	Total Power	3
10:23:20	11:49:46	2019.1.01251.S	Q1416+26_a_04_7M	SUPERCOLD-CGM: a high-z survey of molecular gas across the circumgalactic medium of Enormous Lyman-alpha Nebulae	Emonts	NA	7-m	4
10:09:19	11:21:50	2019.1.01010.S	Core1_a_03_TM1	Tracing Molecular Gas Across the Stages of Accretion onto a Galaxy Cluster at z=1.487	Alberts	NA	12-m	3
09:47:00	10:58:15	2019.2.00134.S	NGC_5128_a_03_TP	An ACA Survey of Dense Gas in Nearby Galaxies	Usero	EU	Total Power	3
09:05:39	10:23:13	2019.1.01124.S	ngc4550_a_03_7M	Which way does it go? Molecular gas in multi-spin stellar counterrotator galaxies	Young	NA	7-m	3
09:02:36	10:09:13	2019.1.01514.S	SMG_f_1_03_TM1	Confirming large-scale structures of dusty galaxies around enormous Lyman-alpha nebulae and high-z quasars	Arrigoni Battaia	EU	12-m	3
08:28:40	09:46:53	2019.2.00169.S	eso378-3_a_03_TP	Molecular gas in HI eXtreme galaxies	Lutz	EU	Total Power	3
07:54:12	09:01:42	2019.1.00102.S	HiZELS-C_a_03_TM1	A survey for the molecular gas content in normal star-forming galaxies at z~1.5: a VLT/KMOS and ALMA synergy	Ibar	CL	12-m	3
07:09:46	08:28:33	2019.2.00169.S	eso378-3_a_03_TP	Molecular gas in HI eXtreme galaxies	Lutz	EU	Total Power	3
07:02:21	08:26:42	2019.2.00134.S	NGC_3521_a_03_7M	An ACA Survey of Dense Gas in Nearby Galaxies	Usero	EU	7-m	3

07:01:02	07:54:05	2019.1.01514.S	SMG_d_1_03_TM1	Confirming large-scale structures of dusty galaxies around enormous Lyman-alpha nebulae and high-z quasars	Arrigoni Battaia	EU	12-m	3
05:55:51	06:54:39	2019.1.01190.S	IC_2810_a_03_TM1	Mapping the Ionizing Photon Rates from Luminous Starburst Galaxies in the local Universe	Linden	NA	12-m	3
04:55:00	05:55:11	2019.1.01615.S	COSMOS-1_b_03_TM1	Resolving the molecular and atomic gas content of galaxies beyond the local Universe	Hess	EU	12-m	3
03:52:47	05:26:45	2019.2.00134.S	NGC_2997_a_03_7M	An ACA Survey of Dense Gas in Nearby Galaxies	Usero	EU	7-m	3
03:31:15	04:35:05	2019.1.01422.S	J0804+30_a_03_TM1	Molecular gas properties of HI 21-cm absorption-selected galaxies at $1 < z < 2$	Dutta	EU	12-m	3
02:28:58	03:52:39	2019.2.00081.S	bullet_c_a_03_7M	Extended Measurements of the Most Energetic Event in the Universe	Di Mascolo	EU	7-m	3
02:12:57	03:19:58	2019.1.01537.S	GS4_4223_a_04_TM1	A joint ALMA-KMOS program to probe the ISM physics and galaxy evolution at $z \sim 2$	Curti	EU	12-m	4
01:01:46	01:59:37	2019.1.00678.S	CANDELS_b_04_TM1	How long do blue bulges last?	Yang	NA	12-m	4
00:46:47	02:15:54	2019.2.00139.S	NGC1300_a_03_7M	Investigating Diffuse Molecular Gases in the Strongly Barred Galaxy NGC 1300	Maeda	EA	7-m	3
00:26:04	01:01:38	2018.1.01766.T	GammaRay_d_03_TM1	Observing Jets and Outflows in Tidal Disruption Events with ALMA	Alexander	NA	12-m	3

## 2020-01-24

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:24:20	00:25:57	2019.1.01422.S	J0240-23_a_03_TM1	Molecular gas properties of HI 21-cm absorption-selected galaxies at $1 < z < 2$	Dutta	EU	12-m	3
19:32:00	20:34:34	2019.1.01422.S	J0240-23_a_03_TM1	Molecular gas properties of HI 21-cm absorption-selected galaxies at $1 < z < 2$	Dutta	EU	12-m	3
19:27:58	21:07:02	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
19:27:23	20:39:44	2019.2.00037.S	NGC_6907_a_06_TP	An ALMA CO(2-1) ACA Survey of Luminous Infrared Galaxies in GOALS	Evans	NA	Total Power	6
11:34:05	12:08:59	2019.2.00052.S	NGC5850_a_03_TP	Systematically Measuring CO emission of Double-Barred Galaxies	Wu	EA	Total Power	3
11:20:19	11:52:18	2019.1.01190.S	NGC5258_a_03_TM1	Mapping the Ionizing Photon Rates from Luminous Starburst Galaxies in the local Universe	Linden	NA	12-m	3
11:13:19	11:49:40	2019.2.00093.S	G320.23-_h_03_7M	Newly discovered hot core precursors: early warm-up phase and diversity	Csengeri	EU	7-m	3
10:29:57	11:13:13	2019.2.00093.S	G320.23-_g_03_7M	Newly discovered hot core precursors: early warm-up phase and diversity	Csengeri	EU	7-m	3
09:58:52	11:11:26	2019.1.01010.S	Core1_a_03_TM1	Tracing Molecular Gas Across the Stages of Accretion onto a Galaxy Cluster at $z=1.487$	Alberts	NA	12-m	3
09:57:29	11:33:10	2019.2.00093.S	G320.23-_e_03_TP	Newly discovered hot core precursors: early warm-up phase and diversity	Csengeri	EU	Total Power	3
09:30:59	10:28:33	2019.2.00155.S	HerBS-15_c_03_7M	The home stretch: Completing the redshift catalogue of a large flux-limited high-redshift Herschel sample	Bakx	EA	7-m	3
08:54:12	09:56:32	2019.1.00205.S	BR1202-0_c_03_TM1	Physical conditions and chemical processes of the ISM at high redshift: a line survey towards BR1202-0725	Yang	EU	12-m	3
08:36:53	09:54:17	2019.2.00134.S	NGC_4826_a_03_TP	An ACA Survey of Dense Gas in Nearby Galaxies	Usero	EU	Total Power	3
08:30:36	09:29:24	2019.2.00166.S	Musca_b_03_7M	Velocity and density power spectra along the Musca filament: Hints to the origin of the star formation properties	Arzoumanian	EU	7-m	3
07:52:01	08:53:18	2019.1.01178.S	8950-127_a_03_TM1	Why star formation is suppressed in green valley galaxies?	Lin	EA	12-m	3
07:32:51	07:49:20	2019.1.00350.T	Supernov_c_03_TM1	Investigating A Diversity in The Final Evolutions of Massive Stars	Maeda	EA	12-m	3

07:15:22	08:35:46	2019.2.00166.S	Musca_b_03_TP	toward Supernovae Velocity and density power spectra along the Musca filament: Hints to the origin of the star formation properties	Arzoumanian	EU	Total Power	3
07:05:31	07:30:33	2019.1.01016.T	GRBpol_e_03_TM1	Radio Polarimetry of GRB Afterglows	Urata	EA	12-m	3
06:40:31	07:04:39	2019.1.01484.T	GRB_1912_e_03_TM1	Gamma-ray Burst Physics with ALMA: Direct Implications for the Explosions and Progenitors	Laskar	EU	12-m	3
06:03:02	07:18:08	2019.2.00194.S	J0958+14_a_03_7M	Quasar Feedback Survey: The impact of jets and outflows on the molecular ISM of quasar host galaxies	Calistro Rivera	EU	7-m	3
05:52:44	07:15:15	2019.2.00169.S	eso378-3_a_03_TP	Molecular gas in HI eXtreme galaxies	Lutz	EU	Total Power	3
03:47:48	05:10:50	2019.2.00082.S	VY_CMa_a_03_7M	Recovering the flux lost toward VY CMa	Quintana-Lacaci	EU	7-m	3
02:45:50	03:45:35	2019.1.00678.S	CANDELS_b_04_TM1	How long do blue bulges last?	Yang	NA	12-m	4
02:24:06	03:47:42	2019.2.00081.S	bullet_c_a_03_7M	Extended Measurements of the Most Energetic Event in the Universe	Di Mascolo	EU	7-m	3
02:03:29	02:45:00	2019.1.00678.S	CANDELS_a_04_TM1	How long do blue bulges last?	Yang	NA	12-m	4
00:50:05	01:50:17	2019.1.01422.S	J0240-23_a_03_TM1	Molecular gas properties of HI 21-cm absorption-selected galaxies at $1 < z < 2$	Dutta	EU	12-m	3
00:40:47	02:11:04	2019.2.00218.S	basic19+_b_04_7M	ACA Linescan of $2 > z > 5$ SMGs in the CDF-S	Bauer	CL	7-m	4

### 2020-01-23

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
20:45:52	22:12:25	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
19:23:30	20:45:37	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
16:44:56	18:05:13	2019.1.01556.S	SDC13_a_03_TP	On the universality of fibres in star forming filaments	Williams	EU	Total Power	3
15:25:02	16:44:50	2019.1.01556.S	SDC13_a_03_TP	On the universality of fibres in star forming filaments	Williams	EU	Total Power	3
15:15:38	16:45:27	2019.1.01556.S	SDC13_a_03_7M	On the universality of fibres in star forming filaments	Williams	EU	7-m	3
14:53:42	15:55:21	2019.1.00623.S	Eyelash_a_03_TM2	Spectral line survey in the rest-frame 350 GHz band toward a lensed sub-mm galaxy at $z=2.3$	Nishimura	EA	12-m	3
13:55:32	15:24:47	2019.1.01556.S	SDC13_a_03_TP	On the universality of fibres in star forming filaments	Williams	EU	Total Power	3
13:44:23	15:15:29	2019.1.01556.S	SDC13_a_03_7M	On the universality of fibres in star forming filaments	Williams	EU	7-m	3
02:01:30	03:04:26	2019.1.01422.S	J0240-23_a_03_TM1	Molecular gas properties of HI 21-cm absorption-selected galaxies at $1 < z < 2$	Dutta	EU	12-m	3

### 2020-01-21

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
16:40:57	17:57:01	2019.1.01556.S	SDC13_a_03_TP	On the universality of fibres in star forming filaments	Williams	EU	Total Power	3