

**ALMA Observing Activity from 2019-04-01T17:59:00 to 2019-04-08T18:00:00**  
**QA0 pass executions**

**2019-04-02**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
15:20:52	16:27:31	2018.1.01684.S	NGC1068_a_03_TM2	Multi-line measurements of cloud mass functions in the starburst ring of NGC 1068	Tosaki	EA	12-m	3
22:35:25	00:00:16	2018.1.01243.S	Southern_b_03_7M	A detailed map of the variation of density, temperature and photo-dissociated gas across the Carina Nebula	Garay	CL	7-m	3
22:59:29	00:06:56	2018.1.00478.S	ALMA_3mm_g_03_TM1	On the nature of 3mm-selected sources: the highest redshift dusty star-forming galaxies?	Zavala	NA	12-m	3

**2019-04-03**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:00:23	01:25:18	2018.1.01243.S	Southern_b_03_7M	A detailed map of the variation of density, temperature and photo-dissociated gas across the Carina Nebula	Garay	CL	7-m	3
00:07:03	01:12:44	2018.1.01852.S	COSMOS-1_c_03_TM1	Resolving the molecular and atomic gas content of galaxies beyond the local Universe	Hess	EU	12-m	3
01:34:25	02:40:50	2018.1.00231.S	Tune147_k_04_TM1	Obscuration to Reionization: A Blank-Field 2mm Deep Survey in COSMOS	Casey	NA	12-m	4
01:38:28	03:03:22	2018.1.01243.S	Southern_b_03_7M	A detailed map of the variation of density, temperature and photo-dissociated gas across the Carina Nebula	Garay	CL	7-m	3
02:18:04	03:23:53	2018.1.01851.S	G316.75-_c_03_TP	The impact of O-type stars on gas dynamics: The case of the G316.75 massive-star forming ridge	Watkins	EU	Total Power	3
02:52:37	03:59:04	2018.1.00231.S	Tune147_l_04_TM1	Obscuration to Reionization: A Blank-Field 2mm Deep Survey in COSMOS	Casey	NA	12-m	4
03:03:30	04:28:19	2018.1.01243.S	Southern_b_03_7M	A detailed map of the variation of density, temperature and photo-dissociated gas across the Carina Nebula	Garay	CL	7-m	3
03:24:35	04:30:37	2018.1.01851.S	G316.75-_c_03_TP	The impact of O-type stars on gas dynamics: The case of the G316.75 massive-star forming ridge	Watkins	EU	Total Power	3
04:29:09	05:16:37	2018.1.00034.S	M104_a_03_7M	Probing molecular gas in the Sombrero galaxy's ring	Vlahakis	NA	7-m	3
04:31:38	05:16:43	2018.1.01851.S	G316.75-_c_03_TP	The impact of O-type stars on gas dynamics: The case of the G316.75 massive-star forming ridge	Watkins	EU	Total Power	3
12:06:40	13:29:49	2017.1.00523.S	I18460_a_03_7M	Gas accretion onto dense cores from early to late evolutionary phases of massive filamentary clouds	Lu	EA	7-m	3
12:07:34	13:56:19	2018.1.00215.S	P1_a_04_TP	The sequential star formation towards the IR bright rim of an HII bubble	Feng	EA	Total Power	4
12:32:50	13:26:51	2017.1.01355.L	W43-MM1_a_03_TM2	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	12-m	3

**2019-04-06**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
22:01:12	23:20:09	2017.1.00886.L	NGC1792_d_06_TP	100,000 Molecular Clouds Across the Main Sequence: GMCs as the Drivers of Galaxy Evolution	Schinnerer	EU NA	Total Power	6
22:26:42	22:54:47	2018.1.01188.S	J0706+29_a_06_TM1	A Comprehensive Study of Quasar Host Galaxy and Cosmic Reionization with a Large Statistical Quasar Sample at $z>6.5$	Wang	NA	12-m	6
22:54:57	00:48:14	2018.1.01536.S	BRI_0952_a_07_TM1	Measuring magnetic fields of galaxies in the early Universe	Vlemmings	EU	12-m	7
23:20:16	00:39:05	2017.1.00886.L	NGC2775_a_06_TP	100,000 Molecular Clouds Across the Main Sequence: GMCs as the Drivers of Galaxy Evolution	Schinnerer	EU NA	Total Power	6

2019-04-07

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:48:23	02:17:00	2018.1.01536.S	BRI_0952_a_07_TM1	Measuring magnetic fields of galaxies in the early Universe	Vlemmings	EU	12-m	7
00:51:30	02:09:55	2017.1.00886.L	NGC2775_a_06_TP	100,000 Molecular Clouds Across the Main Sequence: GMCs as the Drivers of Galaxy Evolution	Schinnerer	EU NA	Total Power	6
02:10:02	03:16:18	2017.1.00886.L	NGC4654_b_06_TP	100,000 Molecular Clouds Across the Main Sequence: GMCs as the Drivers of Galaxy Evolution	Schinnerer	EU NA	Total Power	6
02:41:53	03:49:26	2018.A.00021.S	TW_Hya_a_06_TM2	Confirmation of an Embedded Planet in the Disk of TW Hya	Teague	NA	12-m	6
03:16:25	04:22:35	2017.1.00886.L	NGC4654_b_06_TP	100,000 Molecular Clouds Across the Main Sequence: GMCs as the Drivers of Galaxy Evolution	Schinnerer	EU NA	Total Power	6
03:49:33	04:56:05	2018.A.00021.S	TW_Hya_a_06_TM2	Confirmation of an Embedded Planet in the Disk of TW Hya	Teague	NA	12-m	6
04:22:43	05:28:56	2017.1.00886.L	NGC4654_b_06_TP	100,000 Molecular Clouds Across the Main Sequence: GMCs as the Drivers of Galaxy Evolution	Schinnerer	EU NA	Total Power	6
04:56:12	06:20:06	2018.1.01210.S	AS205A_a_07_TM1	The Water Snowline in AS205	Carr	NA	12-m	7
05:29:03	06:35:13	2017.1.00886.L	NGC4654_b_06_TP	100,000 Molecular Clouds Across the Main Sequence: GMCs as the Drivers of Galaxy Evolution	Schinnerer	EU NA	Total Power	6
06:20:13	07:19:45	2018.1.00684.S	RU_Lup_a_07_TM1	Measuring Velocity Structure of MHD Wind from a Protoplanetary Disk with High Mass Accretion Rate	Kim	EA	12-m	7
07:35:23	08:04:16	2018.1.01055.L	IM_Lup_b_06_TM2	The Chemistry of Planet Formation	Oberg	CL EA EU NA	12-m	6
07:44:10	09:22:06	2018.1.00917.S	Serpens_b_07_7M	Monitoring the Sub-mm Brightness in the Inner Envelopes of Known Variable Deeply Embedded Protostars	Francis	NA	7-m	7
07:49:30	10:16:52	2016.1.01346.S	AGAL354_a_06_TP	Galactic Census of All Massive Starless Cores within 5 kpc	Pillai	EU	Total Power	6
08:07:23	09:04:23	2018.1.01055.L	HD163296_b_06_TM2	The Chemistry of Planet Formation	Oberg	CL EA EU NA	12-m	6
09:04:30	10:29:49	2018.1.00331.S	AG14.49_a_07_TM1	Does H2D+ probe the coldest and densest parts of molecular clumps?	Bovino	CL	12-m	7
10:17:02	12:40:24	2016.1.01346.S	AGAL354_a_06_TP	Galactic Census of All Massive Starless Cores within 5 kpc	Pillai	EU	Total Power	6
10:29:56	11:12:45	2018.1.00331.S	AG14.49_a_07_TM1	Does H2D+ probe the coldest and densest parts of molecular clumps?	Bovino	CL	12-m	7
10:34:20	11:56:49	2018.1.01780.S	W49B_c_06_7M	Detailed observations of molecular cloud toward the peculiar supernova remnant W49B	Yoshiike	EA	7-m	6
11:31:17	11:50:17	2018.1.00452.S	B335_b_06_TM2	The formation of interstellar formamide	Allen	EU	12-m	6
11:50:40	12:09:23	2018.1.00452.S	B335_a_06_TM2	The formation of interstellar formamide	Allen	EU	12-m	6
12:09:29	12:37:03	2018.1.00113.S	NGC7465_a_07_TM2	Molecular tori in Seyfert galaxies	Garcia-Burillo	EU	12-m	7
12:56:35	13:57:36	2018.1.01476.S	rQSO_J22_a_06_TM1	A systematic experiment to measure fundamental differences in the star-formation properties of red and blue quasars	Alexander	EU	12-m	6
14:55:26	15:49:09	2018.1.00312.S	NGC300_a_06_TM2	Massive Molecular Filaments in a Nearby Disk Galaxy	Tan	EU	12-m	6
16:27:39	17:17:50	2018.1.01140.S	ALESS.65_a_06_TM1	[NII] and [CII] disentangle the neutral and ionised interstellar medium in submillimetre galaxies at z~4.5	Wardlow	EU	12-m	6
17:17:59	18:09:01	2018.1.00162.S	ngc253_c_05_TM1	ALCHEMI II: Filling the Band 5 gap	Martin	EU	12-m	5
18:18:11	19:11:34	2018.1.00162.S	ngc253_c_05_TM1	ALCHEMI II: Filling the Band 5 gap	Martin	EU	12-m	5
19:11:41	20:12:55	2018.1.00567.S	ASAGAO38_a_06_TM1	Verifying the Robustness of Faint Submm Sources Detected in ALMA Deep Surveys	Hatsukade	EA	12-m	6
20:21:32	21:22:09	2018.1.00781.S	system_D_a_06_TM1	A magnified view of the cradle of globular clusters at z>6	Calura	EU	12-m	6
21:22:19	22:26:31	2018.1.00567.S	ASAGAO45_a_06_TM1	Verifying the Robustness of Faint Submm Sources Detected in ALMA Deep Surveys	Hatsukade	EA	12-m	6
22:50:58	23:52:43	2018.1.00966.S	G09v1.12_a_07_TM1	Tracing cosmic-ray ionization	Indriolo	NA	12-m	7

rates and fluxes in sub-mm galaxies  
out to z~6

**2019-04-08**

<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>
02:33:38	04:40:54	2018.1.00980.S	TW_Hya_a_07_TM1	The First Unambiguous Detection of a Teague Magnetic Field in a Protoplanetary Disk		NA	12-m	7
04:47:00	06:52:55	2018.1.00980.S	TW_Hya_a_07_TM1	The First Unambiguous Detection of a Teague Magnetic Field in a Protoplanetary Disk		NA	12-m	7
06:53:02	07:53:24	2018.1.00684.S	RU_Lup_a_07_TM1	Measuring Velocity Structure of MHD Kim Wind from a Protoplanetary Disk with High Mass Accretion Rate		EA	12-m	7
07:55:20	10:00:37	2018.1.01312.S	mm1_a_06_TM1	Strong or Weak Fields? The Multi- Scale Magnetic Field Structure in the closest and youngest Cluster-- Forming Filament	Pillai	NA	12-m	6
10:00:46	12:05:26	2018.1.01312.S	mm1_a_06_TM1	Strong or Weak Fields? The Multi- Scale Magnetic Field Structure in the closest and youngest Cluster-- Forming Filament	Pillai	NA	12-m	6
12:08:40	13:03:44	2018.1.01246.S	IIZw096_a_07_TM1	Deriving True Star Formation Rates in Inami Dust-Obscured Starburst Galaxies		EU	12-m	7