

**ALMA Observing Activity from 2018-04-23T17:59:00 to 2018-04-30T18:00:00**  
**QA0 pass executions**

**2018-04-30**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
10:14:42	11:30:37	2017.1.00820.S	Sgr_A_st_b_06_TM1	ALMA Monitoring of Sgr A* coordinated with Spitzer & Chandra Space Observatories in July 2018	Yusef-Zadeh	NA	12-m	6
09:10:28	10:14:35	2017.1.00820.S	Sgr_A_st_b_06_TM1	ALMA Monitoring of Sgr A* coordinated with Spitzer & Chandra Space Observatories in July 2018	Yusef-Zadeh	NA	12-m	6
07:53:42	09:10:21	2017.1.00820.S	Sgr_A_st_b_06_TM1	ALMA Monitoring of Sgr A* coordinated with Spitzer & Chandra Space Observatories in July 2018	Yusef-Zadeh	NA	12-m	6
06:49:23	07:53:36	2017.1.00820.S	Sgr_A_st_b_06_TM1	ALMA Monitoring of Sgr A* coordinated with Spitzer & Chandra Space Observatories in July 2018	Yusef-Zadeh	NA	12-m	6
05:22:25	06:49:16	2017.1.00820.S	Sgr_A_st_b_06_TM1	ALMA Monitoring of Sgr A* coordinated with Spitzer & Chandra Space Observatories in July 2018	Yusef-Zadeh	NA	12-m	6
02:46:30	03:30:33	2017.1.00297.S	PG1351+2_a_06_7M	An ALMA-ACA Survey of CO(2-1) in PG QSOs	Bauer	CL	7-m	6
02:44:29	03:07:06	2017.1.01276.S	COSMOS-H_o_07_TM1	Unveiling the nature of the most HST- Wang dark galaxies at $z > 4$	Wang	EA	12-m	7
02:22:03	02:44:22	2017.1.01276.S	COSMOS-H_m_07_TM1	Unveiling the nature of the most HST- Wang dark galaxies at $z > 4$	Wang	EA	12-m	7
01:59:25	02:21:56	2017.1.01276.S	COSMOS-H_n_07_TM1	Unveiling the nature of the most HST- Wang dark galaxies at $z > 4$	Wang	EA	12-m	7
01:37:24	01:59:21	2017.1.01276.S	COSMOS-H_f_07_TM1	Unveiling the nature of the most HST- Wang dark galaxies at $z > 4$	Wang	EA	12-m	7
01:11:53	01:36:16	2017.1.01276.S	COSMOS-H_h_07_TM1	Unveiling the nature of the most HST- Wang dark galaxies at $z > 4$	Wang	EA	12-m	7

**2018-04-29**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:56:46	00:58:55	2017.1.00496.S	JO204_CO_a_06_TM1	Mapping the molecular gas in jellyfish galaxies	poggianti	EU	12-m	6
23:26:19	00:39:40	2017.1.00815.S	NGC_4321_a_03_TP	A Wide, Deep Dense Gas Map of M100 to Connect Extragalactic and Galactic Dense Gas Results	Gallagher	NA	Total Power	3
23:12:42	00:24:10	2017.1.00889.S	Northern_a_06_7M	The feedback effect from massive stars on the fragmentation of dense structures	Rebolledo	CL	7-m	6
22:50:15	23:52:52	2017.1.00496.S	JO204_CO_a_06_TM1	Mapping the molecular gas in jellyfish galaxies	poggianti	EU	12-m	6
21:50:49	22:21:37	2017.1.00232.S	M1-7_26x_a_06_TM1	The Surprising Molecular Content of Planetary Nebulae: A Closer Look at Chemistry, Dynamics, Structure and Evolution	Schmidt	NA	12-m	6
21:38:26	23:12:34	2017.1.01353.S	OMC-2_Re_a_06_7M	Fragmentation in the Orion Integral Shaped Filament	Takahashi	EA	7-m	6
21:33:07	23:07:31	2017.1.00093.S	YSO33_a_06_TP	Evolution of molecular clouds associated with O-type YSOs in giant molecular clouds in the LMC	Onishi	EA	Total Power	6
20:18:58	21:39:26	2017.1.01553.S	OMC-4_a_03_TM1	Interplay between the Orion A South (OMC-4) filament and dense cores therein	Zhu	CL	12-m	3
20:05:14	21:22:48	2017.1.00129.S	NGC1436_a_03_TP	Deep CO(J=1-0) mapping survey of Fornax galaxies with Morita array	Morokuma	EA	Total Power	3
20:03:52	21:28:39	2017.1.00678.S	HOPS-11_a_06_7M	Evolution of outflow-envelope interactions in low-mass protostars	Arce	NA	7-m	6
18:58:09	20:18:47	2017.1.01553.S	OMC-4_a_03_TM1	Interplay between the Orion A South (OMC-4) filament and dense cores therein	Zhu	CL	12-m	3
18:43:41	20:04:08	2017.1.00129.S	FCC302_a_03_TP	Deep CO(J=1-0) mapping survey of Fornax galaxies with Morita array	Morokuma	EA	Total Power	3
18:39:29	20:03:41	2017.1.01350.S	IRAS4B_a_06_7M	Imaging protostellar outflows - building a bridge between ALMA	Tychoniec	EU	7-m	6

				and JWST					
18:00:34	18:10:55	2016.1.00298.S	Sun_10_a_03_TP	Constraining the temperature and heating mechanisms in the solar plage chromosphere	Leenaarts	EU	Total Power	3	
17:50:06	18:00:28	2016.1.00298.S	Sun_10_a_03_TP	Constraining the temperature and heating mechanisms in the solar plage chromosphere	Leenaarts	EU	Total Power	3	
17:39:36	17:49:59	2016.1.00298.S	Sun_10_a_03_TP	Constraining the temperature and heating mechanisms in the solar plage chromosphere	Leenaarts	EU	Total Power	3	
17:29:08	17:39:30	2016.1.00298.S	Sun_10_a_03_TP	Constraining the temperature and heating mechanisms in the solar plage chromosphere	Leenaarts	EU	Total Power	3	
17:18:39	17:29:00	2016.1.00298.S	Sun_10_a_03_TP	Constraining the temperature and heating mechanisms in the solar plage chromosphere	Leenaarts	EU	Total Power	3	
17:08:10	17:18:33	2016.1.00298.S	Sun_10_a_03_TP	Constraining the temperature and heating mechanisms in the solar plage chromosphere	Leenaarts	EU	Total Power	3	
16:57:41	17:08:02	2016.1.00298.S	Sun_10_a_03_TP	Constraining the temperature and heating mechanisms in the solar plage chromosphere	Leenaarts	EU	Total Power	3	
16:50:10	18:13:22	2016.1.00298.S	Sun_10_a_03_INT	Constraining the temperature and heating mechanisms in the solar plage chromosphere	Leenaarts	EU	12-m	3	
16:46:51	16:57:33	2016.1.00298.S	Sun_10_a_03_TP	Constraining the temperature and heating mechanisms in the solar plage chromosphere	Leenaarts	EU	Total Power	3	
16:31:47	16:46:43	2016.1.00298.S	Sun_10_a_06_TP	Constraining the temperature and heating mechanisms in the solar plage chromosphere	Leenaarts	EU	Total Power	6	
16:16:40	16:31:34	2016.1.00298.S	Sun_10_a_06_TP	Constraining the temperature and heating mechanisms in the solar plage chromosphere	Leenaarts	EU	Total Power	6	
16:01:34	16:16:31	2016.1.00298.S	Sun_10_a_06_TP	Constraining the temperature and heating mechanisms in the solar plage chromosphere	Leenaarts	EU	Total Power	6	
15:46:29	16:01:27	2016.1.00298.S	Sun_10_a_06_TP	Constraining the temperature and heating mechanisms in the solar plage chromosphere	Leenaarts	EU	Total Power	6	
15:31:24	15:46:22	2016.1.00298.S	Sun_10_a_06_TP	Constraining the temperature and heating mechanisms in the solar plage chromosphere	Leenaarts	EU	Total Power	6	
15:16:14	15:31:16	2016.1.00298.S	Sun_10_a_06_TP	Constraining the temperature and heating mechanisms in the solar plage chromosphere	Leenaarts	EU	Total Power	6	
15:02:04	16:40:42	2016.1.00298.S	Sun_10_a_06_INT	Constraining the temperature and heating mechanisms in the solar plage chromosphere	Leenaarts	EU	12-m	6	
15:01:09	15:16:07	2016.1.00298.S	Sun_10_a_06_TP	Constraining the temperature and heating mechanisms in the solar plage chromosphere	Leenaarts	EU	Total Power	6	
14:45:59	15:01:01	2016.1.00298.S	Sun_10_a_06_TP	Constraining the temperature and heating mechanisms in the solar plage chromosphere	Leenaarts	EU	Total Power	6	
14:30:44	14:45:51	2016.1.00298.S	Sun_10_a_06_TP	Constraining the temperature and heating mechanisms in the solar plage chromosphere	Leenaarts	EU	Total Power	6	
14:14:50	14:30:35	2016.1.00298.S	Sun_10_a_06_TP	Constraining the temperature and heating mechanisms in the solar plage chromosphere	Leenaarts	EU	Total Power	6	
12:51:13	13:43:25	2017.1.01101.S	NGC_253_a_06_7M	Are GMCs Real? Searching for the physical objects in a multiscale ISM	Rosolowsky	NA	7-m	6	
12:37:54	13:42:23	2017.1.00161.L	ngc253_a_04_TM1	ALCHEMI: the ALMA Comprehensive Martin High-resolution Extragalactic Molecular Inventory		EA EU NA	12-m	4	
11:53:14	13:10:13	2017.1.00040.S	cnd_cs43_d_05_TP	Replenishing Molecular Gas Near the Supermassive Black Hole SgrA*	Hsieh	EA	Total Power	5	
11:41:45	12:49:15	2017.1.00200.S	HD170773_a_06_7M	REsolved ALMA Survey Of Nearby Stars (REASONS): a population study of the formation location of planetesimal belts	Matra	NA	7-m	6	
11:36:41	12:35:10	2017.1.00478.S	SDSS_J23_a_06_TM1	Feedback and Star Formation in Extremely Red Quasars	Hamann	NA	12-m	6	
10:17:55	11:35:06	2017.1.00040.S	cnd_cs43_d_05_TP	Replenishing Molecular Gas Near the Supermassive Black Hole SgrA*	Hsieh	EA	Total Power	5	

10:05:58	11:20:33	2016.1.01580.S	SDC13-JV_a_06_TM1	What drives the formation of super-Jeans cores?	Williams	EU	12-m	6
10:05:21	11:31:37	2017.1.00040.S	cnd_cs43_a_05_7M	Replenishing Molecular Gas Near the Supermassive Black Hole SgrA*	Hsieh	EA	7-m	5
08:40:27	09:52:23	2016.1.00248.S	G28-MM1_a_06_TM1	Are Sub-virial Cores in IRDC G28.34 Supported by Magnetic Fields?	Zhang	NA	12-m	6
07:46:59	09:07:57	2017.1.00040.S	cnd_cs43_b_05_7M	Replenishing Molecular Gas Near the Supermassive Black Hole SgrA*	Hsieh	EA	7-m	5
07:39:03	08:40:18	2016.1.00248.S	G28-MM1_a_06_TM1	Are Sub-virial Cores in IRDC G28.34 Supported by Magnetic Fields?	Zhang	NA	12-m	6
06:24:59	07:46:05	2017.1.00040.S	cnd_cs43_b_05_7M	Replenishing Molecular Gas Near the Supermassive Black Hole SgrA*	Hsieh	EA	7-m	5
06:11:12	07:38:54	2016.1.00248.S	G28-MM1_a_06_TM1	Are Sub-virial Cores in IRDC G28.34 Supported by Magnetic Fields?	Zhang	NA	12-m	6
05:11:30	05:44:42	2017.1.01355.L	G327.29_a_06_TM1	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	12-m	6
04:13:11	05:04:56	2017.1.00704.S	HD_14367_a_06_TM1	Getting the composition of exocomets with ALMA	Kral	EU	12-m	6
04:05:04	05:29:06	2017.1.00297.S	PG1351+2_a_06_7M	An ALMA-ACA Survey of CO(2-1) in PG QSOs	Bauer	CL	7-m	6
03:07:39	04:12:08	2017.1.00886.L	NGC4689_a_06_TM1	100,000 Molecular Clouds Across the Main Sequence: GMCs as the Drivers of Galaxy Evolution	Schinnerer	EU NA	12-m	6
02:40:24	04:04:57	2017.1.00079.S	M83_c_03_7M	Mapping Molecular ISM in the Whole Disk of M83	Koda	NA	7-m	3
02:21:38	03:06:51	2017.1.00886.L	NGC4571_a_06_TM1	100,000 Molecular Clouds Across the Main Sequence: GMCs as the Drivers of Galaxy Evolution	Schinnerer	EU NA	12-m	6
01:29:42	02:20:44	2017.1.00886.L	NGC3596_a_06_TM1	100,000 Molecular Clouds Across the Main Sequence: GMCs as the Drivers of Galaxy Evolution	Schinnerer	EU NA	12-m	6
01:15:18	02:39:40	2017.1.00079.S	M83_c_03_7M	Mapping Molecular ISM in the Whole Disk of M83	Koda	NA	7-m	3
01:07:33	01:28:10	2017.1.01687.S	MP_Mus_a_04_TM2	Characterizing the solar nebula analog MP Mus	Ribas	NA	12-m	4
00:07:35	00:49:18	2017.1.01713.S	CVLA-100_a_04_TM1	Confirmation of the first radio-selected galaxy at the dootstep of the EoR	Afonso	EU	12-m	4

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Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:32:35	00:55:22	2017.1.00771.S	NGC4038_a_03_7M	Adjusting the Reception of The Antennae: A Clear Look at GMCs in a Major Merger	Sliwa	EU	7-m	3
23:24:57	00:06:39	2017.1.01713.S	CVLA-100_a_04_TM1	Confirmation of the first radio-selected galaxy at the dootstep of the EoR	Afonso	EU	12-m	4
22:29:40	22:58:34	2017.1.01676.S	HS1009_a_03_TM1	ALMA followup to the S2-WEB survey: Constraining the fraction of molecular outflows in the most luminous QSOs	Ross	NA	12-m	3
14:26:00	15:50:20	2017.1.00230.S	NGC_0628_a_03_TP	Dense Gas Tracers, Star Formation, Cloud Properties, and Galaxy Structure in Five Nearby Spiral Galaxies	Leroy	NA	Total Power	3
14:17:06	15:48:32	2017.1.00931.S	SWBar_Fi_a_06_7M	From Beginning to End -- Star Formation and Molecular Cloud Evolution in the Small Magellanic Cloud	Johnson	NA	7-m	6

### 2018-04-27

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
10:35:08	11:51:00	2017.1.01632.S	g34mm1_a_03_TM1	Gravity vs B-field in massive-star forming clouds: Who is in the driving seat?	Koch	EA	12-m	3
10:25:31	11:48:29	2017.1.00040.S	cnd_cs76_g_07_TP	Replenishing Molecular Gas Near the Supermassive Black Hole SgrA*	Hsieh	EA	Total Power	7
09:06:24	10:25:36	2017.1.01632.S	g34mm1_a_03_TM1	Gravity vs B-field in massive-star forming clouds: Who is in the driving seat?	Koch	EA	12-m	3
07:52:15	09:18:34	2017.1.00661.S	NGC6334I_a_04_7M	Testing predictions of stellar cluster formation in NGC6334I	Brogan	NA	7-m	4
07:52:01	09:20:54	2017.1.01355.L	G338.93_a_03_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar	Motte	CL EA EU NA	Total Power	3

07:37:23	09:04:15	2017.1.01632.S	g34mm1_a_03_TM1	masses Gravity vs B-field in massive-star forming clouds: Who is in the driving seat?	Koch	EA	12-m	3
06:30:44	07:52:07	2017.1.00180.S	6334-_M_b_06_7M	Define the physic of high-mass star formation from the cold Hershel sources of the NGC6334 complex	Louvet	CL	7-m	6
06:22:10	07:51:54	2017.1.01355.L	G338.93_a_03_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	3
05:13:37	05:52:11	2017.1.01339.V	27g_4c01.28_a_06_TM1	Probing the polarized innermost structure of the relativistic jet of 4C +01.28	Alberdi	EU	12-m	6
04:16:31	05:13:28	2017.1.01339.V	27g_4c01.28_a_06_TM1	Probing the polarized innermost structure of the relativistic jet of 4C +01.28	Alberdi	EU	12-m	6
03:13:13	04:16:22	2017.1.01339.V	27g_4c01.28_a_06_TM1	Probing the polarized innermost structure of the relativistic jet of 4C +01.28	Alberdi	EU	12-m	6
02:09:35	03:13:04	2017.1.00991.V	27g_OJ287_a_06_TM1	Imaging a unique massive binary BH candidate in OJ287 with the EHT+ALMA	Gomez	EU	12-m	6
01:04:13	02:05:04	2017.1.00991.V	27g_OJ287_a_06_TM1	Imaging a unique massive binary BH candidate in OJ287 with the EHT+ALMA	Gomez	EU	12-m	6
00:17:42	01:04:04	2017.1.00991.V	27g_OJ287_a_06_TM1	Imaging a unique massive binary BH candidate in OJ287 with the EHT+ALMA	Gomez	EU	12-m	6
<b>2018-04-26</b>								
Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
17:58:43	19:20:44	2017.1.00230.S	NGC_1672_a_03_7M	Dense Gas Tracers, Star Formation, Cloud Properties, and Galaxy Structure in Five Nearby Spiral Galaxies	Leroy	NA	7-m	3
17:48:19	18:48:38	2017.1.00129.S	NGC1351A_b_03_TP	Deep CO(J=1-0) mapping survey of Fornax galaxies with Morita array	Morokuma	EA	Total Power	3
17:37:01	18:11:52	2017.1.00202.S	SMG_C_a_03_TM1	The extent of (by far) the most extreme starbursts in the early Universe	Oteo	EU	12-m	3
16:17:39	17:38:29	2017.1.00129.S	FCC117_a_03_TP	Deep CO(J=1-0) mapping survey of Fornax galaxies with Morita array	Morokuma	EA	Total Power	3
16:17:22	17:48:06	2017.1.00230.S	NGC_0628_a_03_7M	Dense Gas Tracers, Star Formation, Cloud Properties, and Galaxy Structure in Five Nearby Spiral Galaxies	Leroy	NA	7-m	3
16:15:55	17:27:36	2017.1.00202.S	SMG_C_a_03_TM1	The extent of (by far) the most extreme starbursts in the early Universe	Oteo	EU	12-m	3
15:46:29	15:56:55	2017.1.01672.S	Sun_Band_a_03_TP	Quantifying Penumbral Jet/Microjet Dynamics in the Low Solar Atmosphere	Chen	NA	Total Power	3
15:35:53	15:46:21	2017.1.01672.S	Sun_Band_a_03_TP	Quantifying Penumbral Jet/Microjet Dynamics in the Low Solar Atmosphere	Chen	NA	Total Power	3
15:25:19	15:35:46	2017.1.01672.S	Sun_Band_a_03_TP	Quantifying Penumbral Jet/Microjet Dynamics in the Low Solar Atmosphere	Chen	NA	Total Power	3
15:14:45	15:25:12	2017.1.01672.S	Sun_Band_a_03_TP	Quantifying Penumbral Jet/Microjet Dynamics in the Low Solar Atmosphere	Chen	NA	Total Power	3
15:04:09	15:14:38	2017.1.01672.S	Sun_Band_a_03_TP	Quantifying Penumbral Jet/Microjet Dynamics in the Low Solar Atmosphere	Chen	NA	Total Power	3
14:53:31	15:04:01	2017.1.01672.S	Sun_Band_a_03_TP	Quantifying Penumbral Jet/Microjet Dynamics in the Low Solar Atmosphere	Chen	NA	Total Power	3
14:48:17	16:00:13	2017.1.01672.S	Sun_Band_a_03_INT	Quantifying Penumbral Jet/Microjet Dynamics in the Low Solar Atmosphere	Chen	NA	12-m	3
14:42:57	14:53:24	2017.1.01672.S	Sun_Band_a_03_TP	Quantifying Penumbral Jet/Microjet Dynamics in the Low Solar Atmosphere	Chen	NA	Total Power	3
14:32:19	14:42:49	2017.1.01672.S	Sun_Band_a_03_TP	Quantifying Penumbral Jet/Microjet Dynamics in the Low Solar Atmosphere	Chen	NA	Total Power	3

14:21:10	14:32:11	2017.1.01672.S	Sun_Band_a_03_TP	Quantifying Penumbra Jet/Microjet Dynamics in the Low Solar Atmosphere	Chen	NA	Total Power	3
14:10:02	14:21:02	2017.1.01672.S	Sun_Band_a_03_TP	Quantifying Penumbra Jet/Microjet Dynamics in the Low Solar Atmosphere	Chen	NA	Total Power	3
13:58:51	14:09:54	2017.1.01672.S	Sun_Band_a_03_TP	Quantifying Penumbra Jet/Microjet Dynamics in the Low Solar Atmosphere	Chen	NA	Total Power	3
13:47:39	13:58:45	2017.1.01672.S	Sun_Band_a_03_TP	Quantifying Penumbra Jet/Microjet Dynamics in the Low Solar Atmosphere	Chen	NA	Total Power	3
13:36:13	13:47:31	2017.1.01672.S	Sun_Band_a_03_TP	Quantifying Penumbra Jet/Microjet Dynamics in the Low Solar Atmosphere	Chen	NA	Total Power	3
13:36:12	14:48:09	2017.1.01672.S	Sun_Band_a_03_INT	Quantifying Penumbra Jet/Microjet Dynamics in the Low Solar Atmosphere	Chen	NA	12-m	3
12:26:44	13:09:55	2017.1.01100.S	SPT2353-c_03_TM1	An Unprecedented Census of the Molecular ISM in Starburst Galaxies at the End of Cosmic Reionization	Aravena	CL	12-m	3
11:02:14	12:27:20	2017.1.01704.S	B28539_a_03_7M	A systematic survey of dense gas kinematics and filamentary flows in massive quiescent clumps	Svoboda	NA	7-m	3
11:01:46	12:34:55	2017.1.01355.L	W43-MM3_a_03_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	3
10:59:43	12:13:39	2017.1.01355.L	W51-IRS2_a_03_TM2	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	12-m	3
08:19:22	08:54:28	2017.1.01355.L	W43-MM3_a_03_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	3
08:02:15	08:53:55	2017.1.01355.L	W43-MM2_a_03_TM2	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	12-m	3
06:59:30	07:51:56	2017.1.01355.L	W43-MM2_a_03_TM2	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	12-m	3
06:55:42	08:22:46	2017.1.00661.S	NGC6334I_a_04_7M	Testing predictions of stellar cluster formation in NGC6334I	Brogan	NA	7-m	4
06:55:01	08:19:15	2017.1.01355.L	G333.60_a_03_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	3
05:58:55	06:57:06	2017.1.01355.L	W43-MM3_a_03_TM2	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	12-m	3
05:16:01	05:58:48	2017.1.01694.S	G15v2.23_a_03_TM1	A dense molecular gas survey at high redshift	Oteo	EU	12-m	3
04:55:48	06:21:21	2017.1.01355.L	G333.60_a_03_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	3
04:54:31	06:18:58	2017.1.00079.S	M83_c_03_7M	Mapping Molecular ISM in the Whole Disk of M83	Koda	NA	7-m	3
04:25:02	05:14:51	2017.1.01108.S	ngc4526_a_03_TM1	Molecular Line Diagnostics in Two Early-Type Galaxies	Young	NA	12-m	3
03:25:57	04:15:42	2017.1.01694.S	NAv1.195_a_03_TM1	A dense molecular gas survey at high redshift	Oteo	EU	12-m	3
02:58:03	04:23:00	2017.1.00079.S	M83_c_03_7M	Mapping Molecular ISM in the Whole Disk of M83	Koda	NA	7-m	3
02:57:42	04:10:37	2017.1.00815.S	NGC_4321_a_03_TP	A Wide, Deep Dense Gas Map of M100 to Connect Extragalactic and Galactic Dense Gas Results	Gallagher	NA	Total Power	3
02:36:31	03:25:48	2017.1.01108.S	ngc4526_a_03_TM1	Molecular Line Diagnostics in Two Early-Type Galaxies	Young	NA	12-m	3
01:34:49	01:59:33	2017.1.00815.S	NGC_4321_a_03_TP	A Wide, Deep Dense Gas Map of M100 to Connect Extragalactic and Galactic Dense Gas Results	Gallagher	NA	Total Power	3
01:28:56	02:18:19	2017.1.01108.S	ngc4526_a_03_TM1	Molecular Line Diagnostics in Two Early-Type Galaxies	Young	NA	12-m	3
00:38:42	01:27:46	2017.1.01694.S	SDP17_a_03_TM1	A dense molecular gas survey at high redshift	Oteo	EU	12-m	3
00:24:59	01:52:23	2017.1.00771.S	NGC4038_a_03_7M	Adjusting the Reception of The Antennae: A Clear Look at GMCs in a Major Merger	Sliwa	EU	7-m	3
00:10:59	01:24:01	2017.1.00815.S	NGC_4321_a_03_TP	A Wide, Deep Dense Gas Map of M100 to Connect Extragalactic and Galactic Dense Gas Results	Gallagher	NA	Total Power	3

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Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:55:22	00:37:19	2017.1.01694.S	SDP81_a_03_TM1	A dense molecular gas survey at high redshift	Oteo	EU	12-m	3
22:53:49	00:24:35	2017.1.00823.S	Cloud_5_a_03_7M	How do GMCs start to form massive stars? An ALMA survey of young, massive star forming GMCs in the LMC	Ochsendorf	NA	7-m	3
22:44:52	00:09:44	2017.1.00230.S	NGC_2903_a_03_TP	Dense Gas Tracers, Star Formation, Cloud Properties, and Galaxy Structure in Five Nearby Spiral Galaxies	Leroy	NA	Total Power	3
22:41:05	23:20:58	2017.1.01694.S	SDP81_a_03_TM1	A dense molecular gas survey at high redshift	Oteo	EU	12-m	3
15:34:28	16:03:08	2017.1.00078.S	NGC7469_a_03_TM2	Can C0/CO abundance ratio be a robust discriminator of PDRs and XDRs? -A test study in NGC 7469	Izumi	EA	12-m	3
15:34:21	16:24:19	2017.1.00230.S	NGC_0628_a_03_TP	Dense Gas Tracers, Star Formation, Cloud Properties, and Galaxy Structure in Five Nearby Spiral Galaxies	Leroy	NA	Total Power	3
15:16:27	16:25:38	2017.1.01101.S	NGC_253_a_06_7M	Are GMCs Real? Searching for the physical objects in a multiscale ISM	Rosolowsky	NA	7-m	6
14:50:45	15:33:29	2017.1.01100.S	SPT2353-c_03_TM1	An Unprecedented Census of the Molecular ISM in Starburst Galaxies at the End of Cosmic Reionization	Aravena	CL	12-m	3
13:47:20	15:15:29	2017.1.00230.S	NGC_0628_a_03_TP	Dense Gas Tracers, Star Formation, Cloud Properties, and Galaxy Structure in Five Nearby Spiral Galaxies	Leroy	NA	Total Power	3
13:37:05	14:40:59	2017.1.00161.L	ngc253_e_04_TM1	ALCHEMI: the ALMA Comprehensive High-resolution Extragalactic Molecular Inventory	Martin	EA EU NA	12-m	4
13:36:45	15:03:22	2017.1.01621.S	el_gordo_a_03_7M	ALMA reveals the full extent of the earliest known merger shock	Basu	EU	7-m	3
12:15:23	13:19:23	2017.1.00797.V	25c_SgrA_sta_a_06_TM1	Imaging the Shadow of a Supermassive Black Hole: Event Horizon Telescope Observations of Sgr A*	Doeleman	NA	12-m	6
10:52:26	12:15:17	2017.1.00797.V	25c_SgrA_sta_a_06_TM1	Imaging the Shadow of a Supermassive Black Hole: Event Horizon Telescope Observations of Sgr A*	Doeleman	NA	12-m	6
09:32:40	10:52:17	2017.1.00797.V	25c_SgrA_sta_a_06_TM1	Imaging the Shadow of a Supermassive Black Hole: Event Horizon Telescope Observations of Sgr A*	Doeleman	NA	12-m	6
08:19:41	09:32:30	2017.1.00797.V	25c_SgrA_sta_a_06_TM1	Imaging the Shadow of a Supermassive Black Hole: Event Horizon Telescope Observations of Sgr A*	Doeleman	NA	12-m	6
06:52:17	08:19:32	2017.1.00797.V	25c_SgrA_sta_a_06_TM1	Imaging the Shadow of a Supermassive Black Hole: Event Horizon Telescope Observations of Sgr A*	Doeleman	NA	12-m	6
05:52:11	06:52:08	2017.1.00841.V	25c_m87_a_06_TM1	Imaging the Black Hole Shadow and Jet Launching Region of M87	Doeleman	NA	12-m	6
04:52:14	05:52:04	2017.1.00841.V	25c_m87_a_06_TM1	Imaging the Black Hole Shadow and Jet Launching Region of M87	Doeleman	NA	12-m	6
03:52:15	04:52:05	2017.1.00841.V	25c_m87_a_06_TM1	Imaging the Black Hole Shadow and Jet Launching Region of M87	Doeleman	NA	12-m	6
02:52:14	03:52:06	2017.1.00841.V	25c_m87_a_06_TM1	Imaging the Black Hole Shadow and Jet Launching Region of M87	Doeleman	NA	12-m	6
01:52:14	02:52:05	2017.1.00841.V	25c_m87_a_06_TM1	Imaging the Black Hole Shadow and Jet Launching Region of M87	Doeleman	NA	12-m	6
00:52:14	01:52:05	2017.1.00841.V	25c_m87_a_06_TM1	Imaging the Black Hole Shadow and Jet Launching Region of M87	Doeleman	NA	12-m	6

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Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:44:20	00:52:05	2017.1.00841.V	25c_m87_a_06_TM1	Imaging the Black Hole Shadow and Jet Launching Region of M87	Doeleman	NA	12-m	6
22:48:10	23:44:07	2017.1.00841.V	25c_m87_a_06_TM1	Imaging the Black Hole Shadow and Jet Launching Region of M87	Doeleman	NA	12-m	6
21:38:17	22:40:36	2017.1.00877.S	N79_Sout_b_03_7M	N79: The Once and Future 30	Nayak	NA	7-m	3

21:35:53	22:29:19	2017.1.00678.S	HOPS-408_a_06_TP	Doradus Evolution of outflow-envelope interactions in low-mass protostars	Arce	NA	Total Power	6
20:50:12	21:31:44	2017.1.01694.S	SDP130_a_03_TM1	A dense molecular gas survey at high redshift	Oteo	EU	12-m	3
20:05:53	20:48:02	2017.1.01100.S	SPT0245-_c_03_TM1	An Unprecedented Census of the Molecular ISM in Starburst Galaxies at the End of Cosmic Reionization	Aravena	CL	12-m	3
19:53:11	21:13:40	2017.1.00129.S	ESO359-2_a_03_TP	Deep CO(J=1-0) mapping survey of Fornax galaxies with Morita array	Morokuma	EA	Total Power	3
19:11:34	19:53:43	2017.1.01100.S	SPT0245-_c_03_TM1	An Unprecedented Census of the Molecular ISM in Starburst Galaxies at the End of Cosmic Reionization	Aravena	CL	12-m	3
18:26:11	19:08:02	2017.1.01100.S	SPT0245-_c_04_TM1	An Unprecedented Census of the Molecular ISM in Starburst Galaxies at the End of Cosmic Reionization	Aravena	CL	12-m	4
18:20:53	19:42:20	2017.1.00129.S	FCC207_a_03_TP	Deep CO(J=1-0) mapping survey of Fornax galaxies with Morita array	Morokuma	EA	Total Power	3
17:40:23	18:22:45	2017.1.01100.S	SPT0245-_b_04_TM1	An Unprecedented Census of the Molecular ISM in Starburst Galaxies at the End of Cosmic Reionization	Aravena	CL	12-m	4
16:55:10	18:21:13	2017.1.01621.S	el_gordo_a_03_7M	ALMA reveals the full extent of the earliest known merger shock	Basu	EU	7-m	3
16:49:38	18:11:02	2017.1.00129.S	FCC102_a_03_TP	Deep CO(J=1-0) mapping survey of Fornax galaxies with Morita array	Morokuma	EA	Total Power	3
16:23:11	17:29:35	2017.1.00161.L	ngc253_d_04_TM1	ALCHEMI: the ALMA Comprehensive High-resolution Extragalactic Molecular Inventory	Martin	EA EU NA	12-m	4
15:28:18	16:55:03	2017.1.01621.S	el_gordo_a_03_7M	ALMA reveals the full extent of the earliest known merger shock	Basu	EU	7-m	3
15:28:10	16:49:30	2017.1.00129.S	MCG-06-0_b_03_TP	Deep CO(J=1-0) mapping survey of Fornax galaxies with Morita array	Morokuma	EA	Total Power	3
15:11:15	16:23:04	2017.1.00202.S	SMG_C_a_03_TM1	The extent of (by far) the most extreme starbursts in the early Universe	Oteo	EU	12-m	3
12:08:23	13:12:24	2017.1.00797.V	24a_SgrA_sta_a_06_TM1	Imaging the Shadow of a Supermassive Black Hole: Event Horizon Telescope Observations of Sgr A*	Doeleman	NA	12-m	6
10:59:34	12:07:17	2017.1.00797.V	24a_SgrA_sta_a_06_TM1	Imaging the Shadow of a Supermassive Black Hole: Event Horizon Telescope Observations of Sgr A*	Doeleman	NA	12-m	6
09:52:32	10:58:23	2017.1.00797.V	24a_SgrA_sta_a_06_TM1	Imaging the Shadow of a Supermassive Black Hole: Event Horizon Telescope Observations of Sgr A*	Doeleman	NA	12-m	6
08:47:27	09:48:27	2017.1.00797.V	24a_SgrA_sta_a_06_TM1	Imaging the Shadow of a Supermassive Black Hole: Event Horizon Telescope Observations of Sgr A*	Doeleman	NA	12-m	6
07:31:50	08:38:36	2017.1.00797.V	24a_SgrA_sta_a_06_TM1	Imaging the Shadow of a Supermassive Black Hole: Event Horizon Telescope Observations of Sgr A*	Doeleman	NA	12-m	6
06:23:55	07:31:40	2017.1.00797.V	24a_SgrA_sta_a_06_TM1	Imaging the Shadow of a Supermassive Black Hole: Event Horizon Telescope Observations of Sgr A*	Doeleman	NA	12-m	6
05:15:50	06:23:46	2017.1.00797.V	24a_SgrA_sta_a_06_TM1	Imaging the Shadow of a Supermassive Black Hole: Event Horizon Telescope Observations of Sgr A*	Doeleman	NA	12-m	6
04:08:52	05:15:43	2017.1.00797.V	24a_SgrA_sta_a_06_TM1	Imaging the Shadow of a Supermassive Black Hole: Event Horizon Telescope Observations of Sgr A*	Doeleman	NA	12-m	6
03:32:57	04:05:37	2017.1.00797.V	24a_SgrA_sta_a_06_TM1	Imaging the Shadow of a Supermassive Black Hole: Event Horizon Telescope Observations	Doeleman	NA	12-m	6

03:00:01	03:32:46	2017.1.00797.V	24a_SgrA_sta_a_06_TM1	of Sgr A* Imaging the Shadow of a Supermassive Black Hole: Event Horizon Telescope Observations of Sgr A*	Doeleman	NA	12-m	6
00:02:13	00:43:45	2017.1.01353.S	OMC-1_Re_c_06_TM1	Fragmentation in the Orion Integral Shaped Filament	Takahashi	EA	12-m	6

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Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:47:56	01:12:36	2017.1.00230.S	NGC_2903_a_03_TP	Dense Gas Tracers, Star Formation, Cloud Properties, and Galaxy Structure in Five Nearby Spiral Galaxies	Leroy	NA	Total Power	3
23:26:52	00:35:12	2017.1.01353.S	OMC-1_Re_a_06_7M	Fragmentation in the Orion Integral Shaped Filament	Takahashi	EA	7-m	6
23:09:44	23:43:11	2017.1.00129.S	ESO359-2_a_03_TP	Deep CO(J=1-0) mapping survey of Fornax galaxies with Morita array	Morokuma	EA	Total Power	3
22:34:36	23:46:05	2017.1.01353.S	OMC-1_Re_b_06_TM1	Fragmentation in the Orion Integral Shaped Filament	Takahashi	EA	12-m	6
22:11:24	23:08:13	2017.1.00271.S	Ridge_NW_b_03_TP	Why is ~ 1/4 of the LMC's molecular gas not forming massive stars?	Indebetouw	NA	Total Power	3
21:42:19	23:17:06	2017.1.01353.S	OMC-2_Re_a_06_7M	Fragmentation in the Orion Integral Shaped Filament	Takahashi	EA	7-m	6
21:23:07	22:34:31	2017.1.01353.S	OMC-1_Re_a_06_TM1	Fragmentation in the Orion Integral Shaped Filament	Takahashi	EA	12-m	6
21:01:56	21:58:38	2017.1.00271.S	Ridge_NW_b_03_TP	Why is ~ 1/4 of the LMC's molecular gas not forming massive stars?	Indebetouw	NA	Total Power	3
20:30:05	21:09:36	2017.1.01100.S	SPT0348-c_04_TM1	An Unprecedented Census of the Molecular ISM in Starburst Galaxies at the End of Cosmic Reionization	Aravena	CL	12-m	4
20:06:36	21:37:49	2017.1.00823.S	Cloud_6_a_03_7M	How do GMCs start to form massive stars? An ALMA survey of young, massive star forming GMCs in the LMC	Ochsendorf	NA	7-m	3
20:03:53	21:00:45	2017.1.00271.S	Ridge_NW_b_03_TP	Why is ~ 1/4 of the LMC's molecular gas not forming massive stars?	Indebetouw	NA	Total Power	3