

**ALMA Observing Activity from 2018-04-09T17:59:00 to 2018-04-16T18:00:00**  
**QA0 pass executions**

**2018-04-09**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
20:02:47	21:23:21	2017.1.00129.S	FCC332_a_03_TP	Deep CO(J=1-0) mapping survey of Fornax galaxies with Morita array	Morokuma	EA	Total Power	3
20:05:05	21:26:30	2017.1.00823.S	Cloud_4_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
20:10:20	20:41:19	2017.1.01559.S	Q0302-22_a_03_TM2	The Origin of z < 1 Damped Lyman-alpha Absorbers: Completing the Census	Bowen	NA	12-m	3
20:48:47	21:32:42	2017.1.01100.S	SPT0348-_a_03_TM1	An Unprecedented Census of the Molecular ISM in Starburst Galaxies at the End of Cosmic Reionization	Aravena	CL	12-m	3
21:26:03	22:47:17	2017.1.00129.S	ESO359-5_a_03_TP	Deep CO(J=1-0) mapping survey of Fornax galaxies with Morita array	Morokuma	EA	Total Power	3
21:36:02	22:57:31	2017.1.00823.S	Cloud_4_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
21:37:43	22:18:16	2017.1.01694.S	G09v1.40_a_03_TM1	A dense molecular gas survey at high redshift	Oteo	EU	12-m	3
22:20:15	23:00:22	2017.1.01694.S	G09v1.40_a_03_TM1	A dense molecular gas survey at high redshift	Oteo	EU	12-m	3
23:05:27	00:30:15	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
23:10:52	00:42:42	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
23:17:27	23:58:35	2017.1.01694.S	SDP130_a_03_TM1	A dense molecular gas survey at high redshift	Oteo	EU	12-m	3

**2018-04-10**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:28:03	01:32:42	2017.1.01020.S	zC-40669_a_04_TM1	Deep [CII] 1-0 observations in the high-redshift Universe: studying the distribution of Dark Matter in galaxies	Bisbas	NA	12-m	4
00:51:47	02:04:21	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
01:03:22	02:30:18	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
01:33:38	01:50:47	2017.1.00975.S	SN_2015b_a_03_TM1	Searching for the Smoking Gun of Magnetar-Powered Super-Luminous Supernovae	Murase	NA	12-m	3
02:00:17	03:09:48	2017.1.01109.S	SDSS_J11_a_04_TM1	How universal are surprisingly significant molecular gas reservoirs in massive post-starburst galaxies at z~0.6?	Bezanson	NA	12-m	4
02:04:30	03:17:34	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
02:30:25	03:53:25	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
03:09:54	04:02:39	2017.1.01616.S	SN2006tf_a_03_TM1	Superluminous Supernova Host galaxies in CO - Assessing Molecular Gas in Nascent Starbursts	Kim	CL	12-m	3
03:17:41	04:30:32	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
03:53:33	05:18:36	2017.1.00079.S	M83_e_03_7M	Mapping Molecular ISM in the Whole Disk of M83	Koda	NA	7-m	3
04:02:45	04:34:10	2017.1.00025.S	HATLAS_J_a_03_TM1	Unveiling molecular gas in local Herschel-ATLAS galaxies	Vlahakis	NA	12-m	3
04:30:37	05:43:35	2017.1.00815.S	NGC_4321_a_03_TP	A Wide, Deep Dense Gas Map of	Gallagher	NA	Total Power	3

Start Time	End Time	Proposal ID	Project Name	Scientific Description	PI	Region	Instrument	Duration	Priority
04:34:16	05:45:20	2017.1.00025.S	HATLAS_J_b_03_TM1	M100 to Connect Extragalactic and Galactic Dense Gas Results Unveiling molecular gas in local Herschel-ATLAS galaxies	Vlahakis	NA		12-m	3
05:18:44	06:43:12	2017.1.00079.S	M83_e_03_7M	Mapping Molecular ISM in the Whole Disk of M83	Koda	NA		7-m	3
05:43:42	06:40:41	2017.1.00079.S	M83_b_03_TP	Mapping Molecular ISM in the Whole Disk of M83	Koda	NA		Total Power	3
06:40:48	08:06:22	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
06:43:19	08:07:31	2017.1.00079.S	M83_e_03_7M	Mapping Molecular ISM in the Whole Disk of M83	Koda	NA		7-m	3
08:03:20	09:20:11	2017.1.00051.S	GRS_1915_b_03_TM1	Constraining jet physics with multi-lambda variability studies of GRS 1915+105	Casella	EU		12-m	3
08:06:29	09:28:12	2017.1.01355.L	G012.80_a_06_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA		Total Power	6
09:24:49	10:29:55	2016.1.01372.S	g34mm12_a_03_TM1	Gravity vs B-field in massive-star forming clouds: Who is in the driving seat?	Koch	EA		12-m	3
09:25:35	10:52:31	2017.1.01355.L	W51-E_a_06_7M	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA		7-m	6
09:28:19	11:07:50	2017.1.00716.S	G016.97_a_06_TP	A survey of prestellar, high-mass clump candidates: constraining models of high-mass star formation	Sanhueza	EA		Total Power	6
10:34:38	11:03:12	2017.1.00077.S	RCW120_a_03_TM1	Dissecting to decipher: an ALMA study of the high-mass star formation processes in RCW 120	Bronfman	CL		12-m	3
10:59:55	12:26:51	2017.1.01355.L	W51-E_a_06_7M	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA		7-m	6
11:18:07	12:54:14	2017.1.00716.S	G016.97_a_06_TP	A survey of prestellar, high-mass clump candidates: constraining models of high-mass star formation	Sanhueza	EA		Total Power	6
11:19:47	12:28:12	2017.1.00321.S	SPT2132-_a_04_TM1	Establishing the Best Tracers of Molecular Outflows Across Redshift and Galaxy Properties	Spilker	NA		12-m	4
12:56:07	14:04:39	2017.1.01318.S	SDSS_J21_a_04_TM2	Resolving molecular gas in ultra-compact starburst galaxies with extreme outflows	Geach	EU		12-m	4
13:00:58	14:23:14	2017.1.01101.S	NGC_253_a_06_TP	Are GMCs Real? Searching for the physical objects in a multiscale ISM	Rosolowsky	NA		Total Power	6
13:29:10	14:55:58	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
14:14:22	14:54:47	2017.1.01100.S	SPT2351-_c_04_TM1	An Unprecedented Census of the Molecular ISM in Starburst Galaxies at the End of Cosmic Reionization	Aravena	CL		12-m	4
14:35:04	15:59:17	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
15:22:29	16:31:17	2017.1.01109.S	SDSS_J00_a_04_TM1	How universal are surprisingly significant molecular gas reservoirs in massive post-starburst galaxies at z~0.6?	Bezanson	NA		12-m	4
15:49:24	17:16:17	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
15:59:54	17:19:06	2017.1.00129.S	NGC1399_a_03_TP	Deep CO(J=1-0) mapping survey of Fornax galaxies with Morita array	Morokuma	EA		Total Power	3
16:50:27	17:59:36	2017.1.01109.S	SDSS_J00_a_04_TM1	How universal are surprisingly significant molecular gas reservoirs in massive post-starburst galaxies at z~0.6?	Bezanson	NA		12-m	4
17:19:14	18:38:29	2017.1.00129.S	NGC1399_a_03_TP	Deep CO(J=1-0) mapping survey of Fornax galaxies with Morita array	Morokuma	EA		Total Power	3
17:45:14	19:15:22	2017.1.01019.S	LDN1448l_a_03_7M	Feeding Gravitationally Unstable Disks: The kinematics of the Envelope Around L1448 IRS3B	Reynolds	NA		7-m	3
18:02:18	19:13:50	2017.1.00202.S	SMG_C_a_03_TM1	The extent of (by far) the most extreme starbursts in the early	Oteo	EU		12-m	3

18:39:30	19:59:14	2017.1.00129.S	NGC1399_a_03_TP	Universe Deep CO(J=1-0) mapping survey of Fornax galaxies with Morita array	Morokuma	EA	Total Power	3
19:28:54	20:53:10	2017.1.00823.S	Cloud_2_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
19:30:44	20:26:18	2017.1.01100.S	SPT0245-_a_04_TM1	An Unprecedented Census of the Molecular ISM in Starburst Galaxies at the End of Cosmic Reionization	Aravena	CL	12-m	4
20:01:47	20:58:43	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
20:30:24	21:14:32	2017.1.01100.S	SPT0348-_a_03_TM1	An Unprecedented Census of the Molecular ISM in Starburst Galaxies at the End of Cosmic Reionization	Aravena	CL	12-m	3
21:02:47	21:59:33	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
21:20:25	22:42:34	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
21:42:11	23:06:46	2017.1.00823.S	Cloud_2_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
21:59:42	22:56:31	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
22:58:04	00:22:40	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
22:58:15	23:35:14	2017.A.00034.S	AzTEC4_e_03_TM1	Witnessing the Formation of a Spiral Galaxy in the Early Universe	Iono	EA	12-m	3
23:50:24	00:27:03	2017.A.00034.S	AzTEC4_d_03_TM1	Witnessing the Formation of a Spiral Galaxy in the Early Universe	Iono	EA	12-m	3

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Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:04:52	01:27:13	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
00:24:49	01:48:56	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
00:28:44	01:40:10	2017.1.01109.S	SDSS_J11_a_04_TM1	How universal are surprisingly significant molecular gas reservoirs in massive post-starburst galaxies at z~0.6?	Bezanson	NA	12-m	4
01:56:52	02:48:03	2017.1.01108.S	ngc4526_b_03_TM1	Molecular Line Diagnostics in Two Early-Type Galaxies	Young	NA	12-m	3
02:11:00	03:23:43	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
02:40:48	04:05:22	2017.1.00079.S	M83_e_03_7M	Mapping Molecular ISM in the Whole Disk of M83	Koda	NA	7-m	3
02:48:11	03:46:39	2016.1.00671.S	NGC5253_a_06_TM2	Revisiting the star formation efficiency of low-metallicity starburst galaxy NGC5253	De Looze	EU	12-m	6
03:23:51	04:36:47	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
03:46:46	04:59:56	2017.1.00478.S	SDSS_J12_b_06_TM1	Feedback and Star Formation in Extremely Red Quasars	Hamann	NA	12-m	6
04:05:29	05:27:37	2017.1.00886.L	NGC4826_a_06_7M	100,000 Molecular Clouds Across the Main Sequence: GMCs as the Drivers of Galaxy Evolution	Schinnerer	EU NA	7-m	6
04:36:54	05:47:15	2017.1.00886.L	NGC4689_b_06_TP	100,000 Molecular Clouds Across the Main Sequence: GMCs as the Drivers of Galaxy Evolution	Schinnerer	EU NA	Total Power	6
05:00:02	06:03:50	2017.1.00478.S	SDSS_J13_b_06_TM1	Feedback and Star Formation in Extremely Red Quasars	Hamann	NA	12-m	6

05:47:22	07:00:31	2017.1.00019.S	Lupus_3__a_06_TP	Outflow structure of the young protostar Lupus 3 MMS	Plunkett	NA	Total Power	6
06:03:57	06:59:47	2016.1.00314.S	RCW120_a_06_TM1	Dissecting to decipher: an ALMA study of the high-mass star formation processes in RCW 120	Bronfman	CL	12-m	6
06:09:12	07:42:55	2017.1.00716.S	G340.39_a_06_7M	A survey of prestellar, high-mass clump candidates: constraining models of high-mass star formation	Sanhueza	EA	7-m	6
06:59:54	08:19:37	2017.1.00983.S	G18.89_a_06_TM1	Quantifying the Feedback Potential of Brogan Young Massive Protoclusters		NA	12-m	6
07:43:03	09:16:33	2017.1.00716.S	G340.39_a_06_7M	A survey of prestellar, high-mass clump candidates: constraining models of high-mass star formation	Sanhueza	EA	7-m	6
08:12:35	09:25:04	2017.1.00019.S	Lupus_3__a_06_TP	Outflow structure of the young protostar Lupus 3 MMS	Plunkett	NA	Total Power	6
08:40:03	09:14:46	2016.1.01347.S	AGAL010._a_06_TM2	Extremely high velocity jets from massive YSOs	Leurini	EU	12-m	6
09:16:12	10:33:34	2017.1.00983.S	G18.89_a_06_TM1	Quantifying the Feedback Potential of Brogan Young Massive Protoclusters		NA	12-m	6
09:22:09	10:59:32	2017.1.00040.S	cnd_cs76_c_07_7M	Replenishing Molecular Gas Near the Supermassive Black Hole SgrA*	Hsieh	EA	7-m	7
09:25:11	10:37:27	2017.1.00019.S	Lupus_3__a_06_TP	Outflow structure of the young protostar Lupus 3 MMS	Plunkett	NA	Total Power	6
11:01:26	12:32:07	2017.1.01355.L	W43-MM3_a_06_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	6
11:02:11	11:58:52	2017.1.00232.S	M2-48_25_a_06_TM1	The Surprising Molecular Content of Planetary Nebulae: A Closer Look at Chemistry, Dynamics, Structure and Evolution	Schmidt	NA	12-m	6
11:09:25	12:36:32	2017.1.01355.L	W51-E_a_06_7M	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	7-m	6
22:14:44	23:08:30	2017.1.00707.S	G204NE_a_06_TM2	Unveiling the nature of the very-low luminosity source in the Planck cold clump G204NE	Hirano	EA	12-m	6
22:18:25	22:49:47	2015.1.00196.S	LMC2N113_a_06_TP	Zooming in on the parsec-scale structure of CO gas at low metallicity and its relation to star formation	Roman-Duval	NA	Total Power	6
22:20:05	23:41:48	2017.1.00527.S	G09.v10._f_06_7M	The molecular gas and resolved star-formation law in low-redshift SMGs	Oteo	EU	7-m	6
22:51:20	00:15:49	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
23:09:38	23:45:34	2017.A.00034.S	AzTEC4_c_03_TM1	Witnessing the Formation of a Spiral Galaxy in the Early Universe	Iono	EA	12-m	3
23:43:51	01:15:24	2017.1.00512.S	HSC_J115_d_03_7M	Imaging the Sunyaev-Zel'dovich effect of an X-ray faint massive galaxy cluster discovered by Hyper Suprime-Cam	Kitayama	EA	7-m	3
23:56:18	00:32:25	2017.A.00034.S	AzTEC4_b_03_TM1	Witnessing the Formation of a Spiral Galaxy in the Early Universe	Iono	EA	12-m	3

## 2018-04-12

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:15:56	01:39:54	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
00:44:15	01:26:00	2017.1.01318.S	SDSS_J11_a_04_TM2	Resolving molecular gas in ultra-compact starburst galaxies with extreme outflows	Geach	EU	12-m	4
01:27:32	02:09:23	2017.1.01318.S	SDSS_J11_a_04_TM2	Resolving molecular gas in ultra-compact starburst galaxies with extreme outflows	Geach	EU	12-m	4
01:34:35	02:55:55	2017.1.00765.S	DK_Cha_a_04_7M	Large-scale infalling envelopes through cold gas tracers	Harsono	EU	7-m	4
01:59:06	03:11:48	2017.1.00815.S	NGC_4321_a_03_TP	A Wide, Deep Dense Gas Map of M100 to Connect Extragalactic	Gallagher	NA	Total Power	3

				and Galactic Dense Gas Results					
02:26:01	03:31:47	2017.1.00079.S	M83_b_03_TM1	Mapping Molecular ISM in the Whole Disk of M83	Koda	NA	12-m	3	
02:56:03	04:20:50	2017.1.00079.S	M83_e_03_7M	Mapping Molecular ISM in the Whole Disk of M83	Koda	NA	7-m	3	
03:11:55	04:24:47	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	
03:31:55	04:38:05	2017.1.00079.S	M83_c_03_TM1	Mapping Molecular ISM in the Whole Disk of M83	Koda	NA	12-m	3	
04:20:58	05:45:20	2017.1.00079.S	M83_c_03_7M	Mapping Molecular ISM in the Whole Disk of M83	Koda	NA	7-m	3	
04:24:54	05:37:46	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	
04:38:12	05:44:04	2017.1.00079.S	M83_d_03_TM1	Mapping Molecular ISM in the Whole Disk of M83	Koda	NA	12-m	3	
05:37:53	06:50:50	2017.1.00019.S	Lupus_3__a_06_TP	Outflow structure of the young protostar Lupus 3 MMS	Plunkett	NA	Total Power	6	
05:44:10	06:44:57	2017.1.00396.S	Pischo_a_06_TM1	A bright QSO at z~7.5: pushing detailed interstellar medium studies to the earliest cosmic epochs	Banados	NA	12-m	6	
05:45:28	07:09:44	2017.1.00079.S	M83_c_03_7M	Mapping Molecular ISM in the Whole Disk of M83	Koda	NA	7-m	3	
06:45:04	07:48:21	2017.1.00886.L	NGC5530_a_06_TM1	100,000 Molecular Clouds Across the Main Sequence: GMCs as the Drivers of Galaxy Evolution	Schinnerer	EU NA	12-m	6	
06:50:57	08:05:51	2017.1.00019.S	Lupus_3__a_06_TP	Outflow structure of the young protostar Lupus 3 MMS	Plunkett	NA	Total Power	6	
08:05:58	09:45:56	2017.1.00716.S	G016.97_a_06_TP	A survey of prestellar, high-mass clump candidates: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6	
08:11:47	09:20:29	2017.1.01103.T	MAXI_J18_a_07_TM1	Characterizing Rapid sub-mm Variability in a Bright Black Hole Binary Outburst	Sivakoff	NA	12-m	7	
09:27:33	10:35:45	2017.1.01103.T	MAXI_J18_a_07_TM1	Characterizing Rapid sub-mm Variability in a Bright Black Hole Binary Outburst	Sivakoff	NA	12-m	7	
09:46:03	11:25:17	2017.1.00180.S	6334_-_M_b_06_TP	Define the physic of high-mass star formation from the cold Hershel sources of the NGC6334 complex	Louvet	CL	Total Power	6	
09:58:28	11:31:29	2017.1.00040.S	cnd_cs76_d_07_7M	Replenishing Molecular Gas Near the Supermassive Black Hole SgrA*	Hsieh	EA	7-m	7	
10:51:02	11:30:25	2017.1.00057.S	IRAS_213_a_06_TM1	ALMA survey of extremely deeply buried AGN in ultraluminous infrared galaxies	Imanishi	EA	12-m	6	
11:32:03	12:17:51	2017.1.00057.S	IRAS_222_a_06_TM1	ALMA survey of extremely deeply buried AGN in ultraluminous infrared galaxies	Imanishi	EA	12-m	6	
11:41:47	13:03:08	2016.1.01372.S	g34mm3_a_03_TP	Gravity vs B-field in massive-star forming clouds: Who is in the driving seat?	Koch	EA	Total Power	3	
12:29:27	12:46:16	2017.1.01214.S	PJ231356_a_06_TM1	ALMA Study of the Hyperluminous SMGs Identified from Planck All-Sky Survey	Yun	NA	12-m	6	
13:41:38	14:34:09	2017.1.00653.S	Sun_10_a_06_INT	Heating of the quiet Sun chromosphere by two contrasting mechanisms	Nindos	OTHER	12-m	6	
13:41:39	13:57:33	2017.1.00653.S	Sun_10_a_06_TP	Heating of the quiet Sun chromosphere by two contrasting mechanisms	Nindos	OTHER	Total Power	6	
13:57:41	14:13:16	2017.1.00653.S	Sun_10_a_06_TP	Heating of the quiet Sun chromosphere by two contrasting mechanisms	Nindos	OTHER	Total Power	6	
14:13:24	14:29:01	2017.1.00653.S	Sun_10_a_06_TP	Heating of the quiet Sun chromosphere by two contrasting mechanisms	Nindos	OTHER	Total Power	6	
14:29:09	14:44:12	2017.1.00653.S	Sun_10_a_06_TP	Heating of the quiet Sun chromosphere by two contrasting mechanisms	Nindos	OTHER	Total Power	6	
14:34:16	15:26:44	2017.1.00653.S	Sun_10_a_06_INT	Heating of the quiet Sun chromosphere by two contrasting mechanisms	Nindos	OTHER	12-m	6	
14:44:20	14:59:21	2017.1.00653.S	Sun_10_a_06_TP	Heating of the quiet Sun chromosphere by two contrasting	Nindos	OTHER	Total Power	6	

14:59:28	15:14:30	2017.1.00653.S	Sun_10_a_06_TP	mechanisms Heating of the quiet Sun chromosphere by two contrasting mechanisms	Nindos	OTHER	Total Power	6
15:14:37	15:29:37	2017.1.00653.S	Sun_10_a_06_TP	Heating of the quiet Sun chromosphere by two contrasting mechanisms	Nindos	OTHER	Total Power	6
15:35:07	16:26:25	2017.1.00653.S	Sun_10_a_03_INT	Heating of the quiet Sun chromosphere by two contrasting mechanisms	Nindos	OTHER	12-m	3
15:35:09	15:45:49	2017.1.00653.S	Sun_10_a_03_TP	Heating of the quiet Sun chromosphere by two contrasting mechanisms	Nindos	OTHER	Total Power	3
15:45:57	15:56:21	2017.1.00653.S	Sun_10_a_03_TP	Heating of the quiet Sun chromosphere by two contrasting mechanisms	Nindos	OTHER	Total Power	3
15:56:29	16:06:52	2017.1.00653.S	Sun_10_a_03_TP	Heating of the quiet Sun chromosphere by two contrasting mechanisms	Nindos	OTHER	Total Power	3
16:06:59	16:17:22	2017.1.00653.S	Sun_10_a_03_TP	Heating of the quiet Sun chromosphere by two contrasting mechanisms	Nindos	OTHER	Total Power	3
16:17:29	16:27:50	2017.1.00653.S	Sun_10_a_03_TP	Heating of the quiet Sun chromosphere by two contrasting mechanisms	Nindos	OTHER	Total Power	3
16:26:33	17:17:51	2017.1.00653.S	Sun_10_a_03_INT	Heating of the quiet Sun chromosphere by two contrasting mechanisms	Nindos	OTHER	12-m	3
16:27:58	16:38:18	2017.1.00653.S	Sun_10_a_03_TP	Heating of the quiet Sun chromosphere by two contrasting mechanisms	Nindos	OTHER	Total Power	3
16:38:26	16:48:48	2017.1.00653.S	Sun_10_a_03_TP	Heating of the quiet Sun chromosphere by two contrasting mechanisms	Nindos	OTHER	Total Power	3
16:48:56	16:59:18	2017.1.00653.S	Sun_10_a_03_TP	Heating of the quiet Sun chromosphere by two contrasting mechanisms	Nindos	OTHER	Total Power	3
16:59:25	17:09:49	2017.1.00653.S	Sun_10_a_03_TP	Heating of the quiet Sun chromosphere by two contrasting mechanisms	Nindos	OTHER	Total Power	3
17:09:59	17:20:23	2017.1.00653.S	Sun_10_a_03_TP	Heating of the quiet Sun chromosphere by two contrasting mechanisms	Nindos	OTHER	Total Power	3
18:11:09	19:32:34	2017.1.00129.S	FCC120_a_03_TP	Deep CO(J=1-0) mapping survey of Fornax galaxies with Morita array	Morokuma	EA	Total Power	3
18:14:09	19:43:55	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
18:45:56	19:57:31	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
19:47:21	21:14:39	2017.1.00765.S	TMC1A_a_04_7M	Large-scale infalling envelopes through cold gas tracers	Harsono	EU	7-m	4
19:48:56	20:18:10	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
19:57:39	20:37:26	2017.1.01100.S	SPT0348-b_04_TM1	An Unprecedented Census of the Molecular ISM in Starburst Galaxies at the End of Cosmic Reionization	Aravena	CL	12-m	4
20:23:14	21:08:37	2017.1.00129.S	ESO359-3_a_03_TP	Deep CO(J=1-0) mapping survey of Fornax galaxies with Morita array	Morokuma	EA	Total Power	3

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Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:01:51	00:26:57	2017.1.01514.V	103_3C279_a_03_TM1	Magnetic field in the vicinity of central black holes in 3C273 and 3C279	Lobanov	EU	12-m	3
00:27:28	01:24:12	2017.1.01514.V	103_3C279_a_03_TM1	Magnetic field in the vicinity of central black holes in 3C273 and 3C279	Lobanov	EU	12-m	3
01:24:21	02:26:59	2017.1.01514.V	103_3C279_a_03_TM1	Magnetic field in the vicinity of central black holes in 3C273 and 3C279	Lobanov	EU	12-m	3
02:27:08	03:26:55	2017.1.01514.V	103_3C279_a_03_TM1	Magnetic field in the vicinity of central black holes in 3C273 and	Lobanov	EU	12-m	3

				3C279					
03:28:51	04:24:12	2017.1.01514.V	103_3C279_a_03_TM1	Magnetic field in the vicinity of central black holes in 3C273 and 3C279	Lobanov	EU	12-m	3	
04:24:20	05:29:54	2017.1.01514.V	103_3C279_a_03_TM1	Magnetic field in the vicinity of central black holes in 3C273 and 3C279	Lobanov	EU	12-m	3	
06:39:35	07:08:44	2017.1.01676.S	HS1623_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	
06:52:18	08:32:56	2017.1.00180.S	6334_-_M_b_06_TP	Define the physic of high-mass star formation from the cold Hershel sources of the NGC6334 complex	Louvet	CL	Total Power	6	
07:09:11	08:26:44	2016.1.00187.S	G10.6-0._a_03_TM1	Magnetic Fields and High-Mass Star Formation	Crutcher	NA	12-m	3	
08:26:53	09:21:37	2016.1.00187.S	G10.6-0._a_03_TM1	Magnetic Fields and High-Mass Star Formation	Crutcher	NA	12-m	3	
08:33:04	10:52:12	2017.1.00180.S	6334_-_M_a_06_TP	Define the physic of high-mass star formation from the cold Hershel sources of the NGC6334 complex	Louvet	CL	Total Power	6	
09:06:15	10:39:13	2017.1.01355.L	G010.62_a_06_7M	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	7-m	6	
09:21:47	10:19:34	2016.1.00187.S	G10.6-0._a_03_TM1	Magnetic Fields and High-Mass Star Formation	Crutcher	NA	12-m	3	
10:19:44	11:23:31	2016.1.00187.S	G10.6-0._a_03_TM1	Magnetic Fields and High-Mass Star Formation	Crutcher	NA	12-m	3	
10:39:20	12:04:54	2017.1.01116.S	G33.738-_a_06_7M	High Resolution Imaging of Inflow & Infall in Massive Star-forming Clumps	Shirley	NA	7-m	6	
10:52:18	13:03:01	2017.1.00180.S	6334_-_M_a_06_TP	Define the physic of high-mass star formation from the cold Hershel sources of the NGC6334 complex	Louvet	CL	Total Power	6	
11:23:41	12:20:29	2016.1.00187.S	G10.6-0._a_03_TM1	Magnetic Fields and High-Mass Star Formation	Crutcher	NA	12-m	3	
20:30:56	21:51:39	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	
23:16:19	00:24:16	2017.1.01514.V	104_3C273_a_03_TM1	Magnetic field in the vicinity of central black holes in 3C273 and 3C279	Lobanov	EU	12-m	3	

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Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:24:25	01:25:04	2017.1.01514.V	104_3C273_a_03_TM1	Magnetic field in the vicinity of central black holes in 3C273 and 3C279	Lobanov	EU	12-m	3
01:25:13	02:25:05	2017.1.01514.V	104_3C273_a_03_TM1	Magnetic field in the vicinity of central black holes in 3C273 and 3C279	Lobanov	EU	12-m	3
02:25:14	03:25:07	2017.1.01514.V	104_3C273_a_03_TM1	Magnetic field in the vicinity of central black holes in 3C273 and 3C279	Lobanov	EU	12-m	3
03:25:15	04:25:09	2017.1.01514.V	104_3C273_a_03_TM1	Magnetic field in the vicinity of central black holes in 3C273 and 3C279	Lobanov	EU	12-m	3
04:25:18	05:25:55	2017.1.01514.V	104_3C273_a_03_TM1	Magnetic field in the vicinity of central black holes in 3C273 and 3C279	Lobanov	EU	12-m	3
06:07:56	07:56:02	2017.1.00795.V	104_Sgr_A_st_a_03_TM1	Imaging the Global Accretion and Outflow of Sgr A*: 3mm VLBI with GMVA+ALMA	Johnson	NA	12-m	3
07:56:11	08:53:28	2017.1.00795.V	104_Sgr_A_st_a_03_TM1	Imaging the Global Accretion and Outflow of Sgr A*: 3mm VLBI with GMVA+ALMA	Johnson	NA	12-m	3
08:53:37	09:54:29	2017.1.00795.V	104_Sgr_A_st_a_03_TM1	Imaging the Global Accretion and Outflow of Sgr A*: 3mm VLBI with GMVA+ALMA	Johnson	NA	12-m	3
09:55:00	10:54:16	2017.1.00795.V	104_Sgr_A_st_a_03_TM1	Imaging the Global Accretion and Outflow of Sgr A*: 3mm VLBI with GMVA+ALMA	Johnson	NA	12-m	3
10:54:24	11:54:17	2017.1.00795.V	104_Sgr_A_st_a_03_TM1	Imaging the Global Accretion and Outflow of Sgr A*: 3mm VLBI with GMVA+ALMA	Johnson	NA	12-m	3
12:04:00	12:55:11	2017.1.00795.V	104_Sgr_A_st_a_03_T	Imaging the Global Accretion and	Johnson	NA	12-m	3

13:53:20	14:38:33	2017.1.00795.V	M1 104_Sgr_A_st_a_03_TM1	Outflow of Sgr A*: 3mm VLBI with GMVA+ALMA Imaging the Global Accretion and Outflow of Sgr A*: 3mm VLBI with GMVA+ALMA	Johnson	NA	12-m	3
15:07:04	16:06:54	2017.1.00161.L	ngc253_g_04_TM1	ALCHEMI: the ALMA Comprehensive High-resolution Extragalactic Molecular Inventory	Martin	EA EU NA	12-m	4
23:05:29	00:55:48	2017.1.00842.V	105_M87_a_03_TM1	Lifting the Curtain in M87: From Accretion to Jet Formation	Lu	EU	12-m	3
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Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
01:04:22	01:55:46	2017.1.00842.V	105_M87_a_03_TM1	Lifting the Curtain in M87: From Accretion to Jet Formation	Lu	EU	12-m	3
01:55:55	02:55:46	2017.1.00842.V	105_M87_a_03_TM1	Lifting the Curtain in M87: From Accretion to Jet Formation	Lu	EU	12-m	3
02:55:54	03:54:50	2017.1.00842.V	105_M87_a_03_TM1	Lifting the Curtain in M87: From Accretion to Jet Formation	Lu	EU	12-m	3
04:03:43	04:54:52	2017.1.00842.V	105_M87_a_03_TM1	Lifting the Curtain in M87: From Accretion to Jet Formation	Lu	EU	12-m	3
04:58:49	05:55:45	2017.1.00842.V	105_M87_a_03_TM1	Lifting the Curtain in M87: From Accretion to Jet Formation	Lu	EU	12-m	3
05:57:54	06:55:14	2017.1.00842.V	105_M87_a_03_TM1	Lifting the Curtain in M87: From Accretion to Jet Formation	Lu	EU	12-m	3
06:55:21	07:33:49	2017.1.00842.V	105_M87_a_03_TM1	Lifting the Curtain in M87: From Accretion to Jet Formation	Lu	EU	12-m	3
08:06:17	09:16:33	2017.1.00729.S	M17_SW_a_04_TM1	Unlocking the Potential of the Most Definitive Molecular Tracer of UV-Enhancement: I-C3H+	McGuire	NA	12-m	4
08:07:00	09:41:15	2017.1.01355.L	G010.62_a_06_7M	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	7-m	6
08:08:07	09:44:03	2017.1.01355.L	G337.92_a_06_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	6
09:16:40	10:10:22	2017.1.01500.S	J1744-31_a_04_TM1	The diffuse molecular component in the nuclear bulge of the Milky Way	Riquelme	EU	12-m	4
09:48:44	11:20:34	2017.1.01355.L	W43-MM3_a_06_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	6
09:49:30	11:18:26	2017.1.01355.L	G010.62_a_06_7M	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	7-m	6
10:38:56	11:48:08	2017.1.00232.S	M2-48_25_a_06_TM1	The Surprising Molecular Content of Planetary Nebulae: A Closer Look at Chemistry, Dynamics, Structure and Evolution	Schmidt	NA	12-m	6
12:01:13	13:00:58	2017.1.00478.S	SDSS_J22_b_06_TM1	Feedback and Star Formation in Extremely Red Quasars	Hamann	NA	12-m	6
12:30:03	13:54:22	2017.1.00108.S	R_CrA_IR_a_06_7M	In Search of Cometary H2S in Low-Mass Protostars	Drozдовskaya	EU	7-m	6
12:30:47	14:13:39	2017.1.00716.S	G025.16_a_06_TP	A survey of prestellar, high-mass clump candidates: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6
13:03:29	14:13:23	2017.1.00496.S	JW100_CO_a_06_TM1	Mapping the molecular gas in jellyfish galaxies	poggianti	EU	12-m	6
14:07:58	15:30:38	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
14:31:08	15:40:16	2017.1.01109.S	SDSS_J00_b_04_TM1	How universal are surprisingly significant molecular gas reservoirs in massive post-starburst galaxies at z~0.6?	Bezanson	NA	12-m	4
15:05:27	16:33:57	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
15:42:52	17:09:34	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
15:43:36	16:52:44	2017.1.01109.S	SDSS_J00_b_04_TM1	How universal are surprisingly significant molecular gas reservoirs in massive post-starburst galaxies at z~0.6?	Bezanson	NA	12-m	4
16:35:40	17:42:23	2017.1.00129.S	FCC44_a_03_TP	Deep CO(J=1-0) mapping survey of Fornax galaxies with Morita array	Morokuma	EA	Total Power	3



17:15:21	18:16:22	2017.1.00161.L	ngc253_f_04_TM1	ALCHEMI: the ALMA Comprehensive High-resolution Extragalactic Molecular Inventory	Martin	EA EU NA	12-m	4
20:55:28	21:54:54	2017.1.00985.V	106_OJ287_a_03_TM1	Understanding jet formation and testing the binary SMBH system in OJ287	Gomez	EU	12-m	3
21:55:01	22:55:12	2017.1.00985.V	106_OJ287_a_03_TM1	Understanding jet formation and testing the binary SMBH system in OJ287	Gomez	EU	12-m	3
22:55:21	23:55:14	2017.1.00985.V	106_OJ287_a_03_TM1	Understanding jet formation and testing the binary SMBH system in OJ287	Gomez	EU	12-m	3
23:55:23	00:55:13	2017.1.00985.V	106_OJ287_a_03_TM1	Understanding jet formation and testing the binary SMBH system in OJ287	Gomez	EU	12-m	3

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Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:55:22	01:54:44	2017.1.00985.V	106_OJ287_a_03_TM1	Understanding jet formation and testing the binary SMBH system in OJ287	Gomez	EU	12-m	3
01:54:53	02:55:14	2017.1.00985.V	106_OJ287_a_03_TM1	Understanding jet formation and testing the binary SMBH system in OJ287	Gomez	EU	12-m	3
02:55:24	03:55:02	2017.1.00985.V	106_OJ287_a_03_TM1	Understanding jet formation and testing the binary SMBH system in OJ287	Gomez	EU	12-m	3
04:23:04	04:41:00	2017.1.00886.L	NGC4694_a_06_TM1	100,000 Molecular Clouds Across the Main Sequence: GMCs as the Drivers of Galaxy Evolution	Schinnerer	EU NA	12-m	6
04:41:24	05:35:35	2017.1.00886.L	NGC5248_a_06_TM1	100,000 Molecular Clouds Across the Main Sequence: GMCs as the Drivers of Galaxy Evolution	Schinnerer	EU NA	12-m	6
05:35:45	06:29:52	2017.1.00886.L	NGC5248_b_06_TM1	100,000 Molecular Clouds Across the Main Sequence: GMCs as the Drivers of Galaxy Evolution	Schinnerer	EU NA	12-m	6
07:16:21	08:52:21	2017.1.01355.L	G337.92_a_06_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	6
07:18:46	08:52:16	2017.1.00995.S	sgra_sta_a_06_TM1	S2 Flyby of SgrA*. Shining a Light on the Black Hole	Murchikova	NA	12-m	6
08:52:27	10:24:32	2017.1.01355.L	W43-MM3_a_06_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	6
08:59:40	10:34:31	2017.1.00995.S	sgra_sta_a_06_TM1	S2 Flyby of SgrA*. Shining a Light on the Black Hole	Murchikova	NA	12-m	6
09:50:02	11:17:15	2017.1.01355.L	W51-E_a_06_7M	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	7-m	6
10:26:49	12:05:24	2017.1.00716.S	G036.66_a_06_TP	A survey of prestellar, high-mass clump candidates: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6
10:43:59	12:17:23	2017.1.00995.S	sgra_sta_a_06_TM1	S2 Flyby of SgrA*. Shining a Light on the Black Hole	Murchikova	NA	12-m	6