

**ALMA Observing Activity from 2018-11-19T17:59:00 to 2018-11-26T18:00:00**  
**QA0 pass executions**

**2018-11-19**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
20:25:15	21:48:08	2018.1.00443.S	G343.756_a_06_7M	How is the mass assembled in high-mass star-forming regions?	Traficante	EU	7-m	6
20:31:20	21:15:39	2018.1.00424.S	IRDC_182_a_03_TM1	Understanding the chemical complexity in massive star-forming regions	Gieser	EU	12-m	3
21:15:47	21:33:48	2018.1.00659.L	T_Mic_c_06_TM2	ATOMIUM: ALMA Tracing the Origins Decin of Molecules In dUst-forming oxygen-rich M-type stars		EU NA	12-m	6
21:48:24	23:14:48	2018.1.00657.S	HCG88a_a_06_7M	What is the role of molecular gas when galaxies transition from blue to red?	Lisenfeld	EU	7-m	6
22:01:55	22:23:03	2018.1.00659.L	R_Aql_d_06_TM2	ATOMIUM: ALMA Tracing the Origins Decin of Molecules In dUst-forming oxygen-rich M-type stars		EU NA	12-m	6
22:39:42	23:52:38	2018.1.01060.S	SPT2147-_a_05_TM1	TEMPLATES: Targeting Extremely Magnified Panchromatic Lensed Arcs and Their Extended Star formation	Vieira	NA	12-m	5
23:47:17	01:13:26	2018.1.01115.S	Tile_093_a_06_7M	A Large Unbiased and Complete Survey of CO in the Small Magellanic Cloud	Jameson	OTHER	7-m	6
23:57:11	00:32:48	2018.1.00765.S	ngc253_j_06_TM1	The parsec scale view of the starburst Harada ISM through molecular diagnostics		EA	12-m	6

**2018-11-20**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
01:47:04	03:22:21	2018.1.00922.S	helms9_a_07_7M	Nature of Herschel-Selected Distant Starbursts (Time Filler)	Riechers	NA	7-m	7
02:22:03	03:22:32	2018.1.00966.S	ADFS-27_a_05_TM1	Tracing cosmic-ray ionization rates and fluxes in sub-mm galaxies out to z~6	Indriolo	NA	12-m	5
02:22:39	03:44:59	2018.1.00756.S	MC01_a_06_TP	A comprehensive survey to study the evolution of high-density cores in Taurus	Tachihara	EA	Total Power	6
03:22:28	04:45:07	2018.1.01205.L	NGC1333_b_06_7M	Fifty AU STudy of the chemistry in the disk/envelope system of Solar-like protostars (FAUST)		EA EU NA	7-m	6
03:22:39	03:55:21	2018.1.00310.S	04334465_a_07_TM2	Hunting for Structures in Protoplanetary Disks around Very Low Mass Stars	Pinilla	NA	12-m	7
03:45:07	05:17:24	2018.1.00756.S	MC01_a_06_TP	A comprehensive survey to study the evolution of high-density cores in Taurus	Tachihara	EA	Total Power	6
04:45:16	05:34:45	2018.1.00744.S	HOPS-11_a_06_7M	Evolution of outflow-envelope interactions in low-mass protostars	Arce	NA	7-m	6
08:43:58	10:00:49	2018.1.00135.S	NGC_3044_a_06_TP	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	Total Power	6
08:47:14	10:10:52	2018.1.00135.S	NGC_3044_a_06_7M	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	7-m	6
10:03:01	11:19:27	2018.1.00135.S	NGC_3044_a_06_TP	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	Total Power	6
10:10:59	11:34:05	2018.1.00135.S	NGC_3044_a_06_7M	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	7-m	6
11:26:37	12:43:05	2018.1.00135.S	NGC_3044_a_06_TP	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	Total Power	6
11:41:17	13:10:51	2018.1.00135.S	NGC_3044_a_06_7M	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	7-m	6
12:43:11	13:59:58	2018.1.00135.S	NGC_4666_a_06_TP	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	Total Power	6
13:10:58	14:35:47	2018.1.01050.S	NGC4565_b_06_7M	Heavily Resolving The Molecular Gas Layer in a Prototype of Edge-on Galaxies: NGC 4565	Utomo	NA	7-m	6
14:07:02	15:40:51	2018.1.01639.S	Oph-C-N_a_07_TP	Highly deuterated starless cores with low CO freeze out: a chemical puzzle	Punanova	EU	Total Power	7
14:43:02	15:57:30	2018.1.01434.S	ST_Sco_a_07_7M	DEATHSTAR: The S-type stars	Ramstedt	EU	7-m	7
15:40:58	17:25:33	2018.1.01639.S	Oph-C-N_a_07_TP	Highly deuterated starless cores with low CO freeze out: a chemical puzzle	Punanova	EU	Total Power	7
16:45:53	18:14:33	2018.1.00443.S	G343.756_a_06_7M	How is the mass assembled in high-mass star-forming regions?	Traficante	EU	7-m	6

17:33:04	19:10:11	2018.1.01639.S	Oph-C-N_a_07_TP	Highly deuterated starless cores with low CO freeze out: a chemical puzzle	Punanova	EU	Total Power	7
17:54:32	18:42:14	2018.1.00424.S	UCHII_G1_a_03_TM1	Understanding the chemical complexity in massive star-forming regions	Gieser	EU	12-m	3
18:37:12	20:05:04	2018.1.00443.S	G343.756_a_06_7M	How is the mass assembled in high-mass star-forming regions?	Traficante	EU	7-m	6
18:42:22	19:31:00	2018.1.00424.S	UCHII_G1_a_03_TM1	Understanding the chemical complexity in massive star-forming regions	Gieser	EU	12-m	3
19:32:20	20:37:15	2018.1.01740.S	SPT2340-_a_03_TM1	Looking Through the Cosmic Lens: probing the dark matter in lensed high-redshift galaxies using rotation curves	Molina	CL	12-m	3
20:31:12	21:29:32	2018.1.00862.S	G5_b_06_7M	Perfect Twins? Excited Molecular Gas Clumps Symmetric to Sgr A*	Ott	NA	7-m	6
20:46:20	22:01:40	2018.1.01750.S	GRB_9804_a_06_TM1	The structure of molecular gas in the vicinity of the closest known Gamma Ray Burst	Arabsalmani	EU	12-m	6
21:29:40	22:47:35	2018.1.01787.S	W43-MM1_a_03_7M	Searching for high-mass pre-stellar cores in an exceptional nursery	Louvet	CL	7-m	3
22:01:49	22:24:54	2018.1.00659.L	W_Aql_d_06_TM2	ATOMIUM: ALMA Tracing the Origins of Molecules In dUst-forming oxygen-rich M-type stars	Decin	EU NA	12-m	6
22:25:01	22:44:43	2018.1.00659.L	S_Pav_b_06_TM2	ATOMIUM: ALMA Tracing the Origins of Molecules In dUst-forming oxygen-rich M-type stars	Decin	EU NA	12-m	6
22:44:50	23:09:56	2017.1.00236.S	ngc_7496_a_06_TM1	Feeding and feedback in an unbiased and representative sample of AGN in the local Universe	Malkan	NA	12-m	6
22:55:55	00:21:46	2018.1.01115.S	Tile_089_a_06_7M	A Large Unbiased and Complete Survey of CO in the Small Magellanic Cloud	Jameson	OTHER	7-m	6
23:19:49	23:57:58	2018.1.00765.S	ngc253_g_06_TM1	The parsec scale view of the starburst ISM through molecular diagnostics	Harada	EA	12-m	6
23:58:06	00:53:52	2018.1.01506.S	NGC1068_b_03_TM1	Characterizing the shocks in NGC 1068	Viti	EU	12-m	3
<b>2018-11-21</b>								
Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:21:54	01:48:00	2018.1.01115.S	Tile_082_a_06_7M	A Large Unbiased and Complete Survey of CO in the Small Magellanic Cloud	Jameson	OTHER	7-m	6
01:17:49	02:38:58	2018.1.00333.S	W2246-05_a_07_TM1	Mapping the Dynamics of a Multiple-merger System at z = 4.6	Diaz-Santos	CL	12-m	7
02:00:47	03:26:55	2018.1.01115.S	Tile_058_a_06_7M	A Large Unbiased and Complete Survey of CO in the Small Magellanic Cloud	Jameson	OTHER	7-m	6
02:23:43	03:46:08	2018.1.00756.S	MC01_a_06_TP	A comprehensive survey to study the evolution of high-density cores in Taurus	Tachihara	EA	Total Power	6
02:39:04	03:30:41	2018.1.00966.S	HXMM02_a_06_TM1	Tracing cosmic-ray ionization rates and fluxes in sub-mm galaxies out to z~6	Indriolo	NA	12-m	6
03:30:48	05:23:34	2018.1.00701.S	tmc1a_a_06_TM1	CO polarization observations to verify magnetic field effects on kinematics around the protostar TMC-1A	Aso	EA	12-m	6
03:46:16	05:18:32	2018.1.00756.S	MC01_a_06_TP	A comprehensive survey to study the evolution of high-density cores in Taurus	Tachihara	EA	Total Power	6
03:59:50	05:22:56	2018.1.01205.L	NGC1333_a_06_7M	Fifty AU SStudy of the chemistry in the disk/envelope system of Solar-like protostars (FAUST)	Yamamoto	EA EU NA	7-m	6
05:18:39	06:35:42	2018.1.00756.S	MC05S_a_06_TP	A comprehensive survey to study the evolution of high-density cores in Taurus	Tachihara	EA	Total Power	6
05:23:03	06:09:09	2018.1.00302.S	G191.90-_a_06_7M	Fragmentation and substructures of dense cores close to the onset of star formation in the Orion complex	Liu	EA	7-m	6
05:23:41	07:01:18	2018.1.00701.S	tmc1a_a_06_TM1	CO polarization observations to verify magnetic field effects on kinematics around the protostar	Aso	EA	12-m	6

06:35:49	07:44:42	2018.1.01565.S	HOPS_85_a_06_TP	TMC-1A Tracing the accretion history of protostars using outflows, an ACA+TP survey	Megeath	NA	Total Power	6
07:01:25	07:43:51	2018.1.00046.S	SPT0245-_a_03_TM1	An Unprecedented Census of the Molecular ISM in Starburst Galaxies at the End of Cosmic Reionization	Aravena	CL	12-m	3
07:16:51	08:31:19	2018.1.00302.S	G200.34-_a_06_7M	Fragmentation and substructures of dense cores close to the onset of star formation in the Orion complex	Liu	EA	7-m	6
07:43:58	08:39:24	2018.1.00874.S	S2COS.07_d_03_TM1	The redshifts of the most distant dusty starbursts	Oteo	EU	12-m	3
07:44:50	09:01:31	2018.1.00135.S	NGC_3044_a_06_TP	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	Total Power	6
08:31:29	10:02:32	2018.1.00302.S	G206.93-_a_06_7M	Fragmentation and substructures of dense cores close to the onset of star formation in the Orion complex	Liu	EA	7-m	6
08:39:29	09:49:20	2018.1.01767.S	J1010+06_a_07_TM1	Quasar Feedback Survey: establishing the impact of radio jets on typical AGN hosts via sub-kpc molecular gas imaging	Thomson	EU	12-m	7
09:01:38	10:18:15	2018.1.00135.S	NGC_3044_a_06_TP	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	Total Power	6
09:49:25	10:39:47	2018.1.01767.S	J1100+08_a_07_TM1	Quasar Feedback Survey: establishing the impact of radio jets on typical AGN hosts via sub-kpc molecular gas imaging	Thomson	EU	12-m	7
10:02:39	11:21:38	2018.1.01594.S	COSMOS_a_03_7M	Intensity Mapping of High Redshift Molecular Gas at 3mm	Keating	NA	7-m	3
10:18:23	11:35:05	2018.1.00135.S	NGC_3044_a_06_TP	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	Total Power	6
11:36:22	13:00:08	2018.1.00135.S	NGC_4666_a_06_7M	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	7-m	6
12:33:21	13:27:44	2018.1.00874.S	S2COS.07_d_03_TM1	The redshifts of the most distant dusty starbursts	Oteo	EU	12-m	3
13:40:34	14:32:26	2018.1.01201.S	RU_Lup_a_06_TM1	The origin of large-scale gas spirals around a T Tauri star	Huang	NA	12-m	6
15:05:31	15:57:30	2018.1.01205.L	BHB07-11_a_06_TM1	Fifty AU STudy of the chemistry in the disk/envelope system of Solar-like protostars (FAUST)	Yamamoto	EA EU NA	12-m	6
22:11:09	23:04:44	2018.1.00657.S	HCG97b_a_06_7M	What is the role of molecular gas when galaxies transition from blue to red?	Lisenfeld	EU	7-m	6
22:13:02	22:33:04	2018.1.00659.L	R_Aql_b_06_TM2	ATOMIUM: ALMA Tracing the Origins of Molecules In dUst-forming oxygen-rich M-type stars	Decin	EU NA	12-m	6
22:34:01	22:53:52	2018.1.00659.L	R_Aql_a_06_TM2	ATOMIUM: ALMA Tracing the Origins of Molecules In dUst-forming oxygen-rich M-type stars	Decin	EU NA	12-m	6
23:04:52	23:50:23	2018.1.01115.S	Tile_011_a_06_7M	A Large Unbiased and Complete Survey of CO in the Small Magellanic Cloud	Jameson	OTHER	7-m	6
23:14:51	00:33:00	2018.1.00699.S	IRAS_200_a_05_TM1	Resolving Massive Molecular Outflows in a Representative Sample of Local ULIRGs	Pereira Santaella	EU	12-m	5
<b>2018-11-22</b>								
<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>
00:33:07	01:18:35	2017.1.00301.S	NGC_547_a_06_TM1	Measuring black hole masses in early-type galaxies with ALMA	Barth	NA	12-m	6
00:56:05	02:22:03	2018.1.01115.S	Tile_055_a_06_7M	A Large Unbiased and Complete Survey of CO in the Small Magellanic Cloud	Jameson	OTHER	7-m	6
01:18:45	02:23:12	2018.1.00378.S	M33SNR_2_a_06_TM1	ALMA CO Survey of the Brightest X-Ray Supernova Remnants in the Nearby Spiral Galaxy M33	Sano	EA	12-m	6
02:15:58	03:38:22	2018.1.00756.S	MC01_a_06_TP	A comprehensive survey to study the evolution of high-density cores in Taurus	Tachihara	EA	Total Power	6
02:22:11	04:03:13	2018.1.00294.S	NGC253_a_07_7M	Ionized Gas, Radiation Field, Masses, and Dust Temperature in Forming Massive Clusters in the NGC253 Starburst	Bolatto	NA	7-m	7
02:52:03	03:56:52	2018.1.00378.S	M33SNR_2_a_06_TM1	ALMA CO Survey of the Brightest X-Ray Supernova Remnants in the Nearby Spiral Galaxy M33	Sano	EA	12-m	6

03:38:30	05:00:39	2018.1.00756.S	MC05S_a_06_TP	A comprehensive survey to study the evolution of high-density cores in Taurus	Tachihara	EA	Total Power	6
03:56:57	05:15:19	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
05:00:46	06:22:56	2018.1.00756.S	MC05S_a_06_TP	A comprehensive survey to study the evolution of high-density cores in Taurus	Tachihara	EA	Total Power	6
05:10:47	06:46:52	2018.1.01670.S	SPT0418-_a_08_7M	Building a sample of [NII] 122 and 205 micron emission lines in high-z dusty star forming galaxies	Cunningham	NA	7-m	8
06:23:03	07:31:51	2018.1.01565.S	HOPS_85_a_06_TP	Tracing the accretion history of protostars using outflows, an ACA+TP survey	Megeath	NA	Total Power	6
06:47:00	08:25:40	2018.1.01670.S	SPT0459-_a_08_7M	Building a sample of [NII] 122 and 205 micron emission lines in high-z dusty star forming galaxies	Cunningham	NA	7-m	8
07:35:19	08:51:51	2018.1.00135.S	NGC_3044_a_06_TP	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	Total Power	6
08:27:57	09:46:38	2018.1.01594.S	COSMOS_a_03_7M	Intensity Mapping of High Redshift Molecular Gas at 3mm	Keating	NA	7-m	3
08:51:54	10:08:16	2018.1.00135.S	NGC_3044_a_06_TP	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	Total Power	6
11:04:30	12:21:14	2018.1.00135.S	NGC_3044_a_06_TP	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	Total Power	6
11:04:41	12:23:21	2018.1.01594.S	COSMOS_b_03_7M	Intensity Mapping of High Redshift Molecular Gas at 3mm	Keating	NA	7-m	3
12:21:21	13:38:12	2018.1.00135.S	NGC_4666_a_06_TP	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	Total Power	6
12:23:28	13:41:57	2018.1.01594.S	COSMOS_b_03_7M	Intensity Mapping of High Redshift Molecular Gas at 3mm	Keating	NA	7-m	3
13:45:11	15:01:39	2018.1.00135.S	NGC_4666_a_06_TP	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	Total Power	6
13:49:13	15:12:48	2018.1.00135.S	NGC_4666_a_06_7M	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	7-m	6
14:50:30	15:40:58	2018.1.01020.S	Sz_91_a_04_TM2	Testing for efficient grain growth in the dust trap around Sz 91	Schreiber	CL	12-m	4
15:01:46	16:27:16	2018.1.01639.S	Oph-C-N_a_06_TP	Highly deuterated starless cores with low CO freeze out: a chemical puzzle	Punanova	EU	Total Power	6
15:12:57	16:21:33	2018.1.01205.L	Elias29_a_06_7M	Fifty AU STudy of the chemistry in the disk/envelope system of Solar-like protostars (FAUST)	Yamamoto	EA EU NA	7-m	6
15:41:05	15:58:08	2018.1.00585.S	3C273_a_03_TM1	ALMA-SPONGE: the role of neutral hydrogen in diffuse interstellar chemistry	Stanimirovic	NA	12-m	3
16:21:41	18:14:35	2018.1.00331.S	AG351.57_a_07_7M	Does H2D+ probe the coldest and densest parts of molecular clumps?	Bovino	CL	7-m	7
16:21:53	16:49:20	2018.1.00585.S	3C286_a_03_TM1	ALMA-SPONGE: the role of neutral hydrogen in diffuse interstellar chemistry	Stanimirovic	NA	12-m	3
16:34:53	18:16:09	2018.1.00443.S	G343.756_a_06_TP	How is the mass assembled in high-mass star-forming regions?	Traficante	EU	Total Power	6
16:56:18	17:15:01	2018.1.00659.L	VX_Sgr_d_06_TM2	ATOMIUM: ALMA Tracing the Origins of Molecules In dUst-forming oxygen-rich M-type stars	Decin	EU NA	12-m	6
17:15:06	17:32:26	2018.1.00659.L	RW_Sco_d_06_TM2	ATOMIUM: ALMA Tracing the Origins of Molecules In dUst-forming oxygen-rich M-type stars	Decin	EU NA	12-m	6
17:32:33	17:51:17	2018.1.00659.L	U_Her_a_06_TM2	ATOMIUM: ALMA Tracing the Origins of Molecules In dUst-forming oxygen-rich M-type stars	Decin	EU NA	12-m	6
17:51:22	18:09:45	2018.1.00659.L	U_Her_b_06_TM2	ATOMIUM: ALMA Tracing the Origins of Molecules In dUst-forming oxygen-rich M-type stars	Decin	EU NA	12-m	6
18:09:51	18:28:45	2018.1.00659.L	U_Her_c_06_TM2	ATOMIUM: ALMA Tracing the Origins of Molecules In dUst-forming oxygen-rich M-type stars	Decin	EU NA	12-m	6
18:16:16	19:49:57	2017.1.01355.L	W51-E_a_06_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	6
18:28:52	18:46:52	2018.1.00659.L	R_Aql_c_06_TM2	ATOMIUM: ALMA Tracing the Origins of Molecules In dUst-forming oxygen-rich M-type stars	Decin	EU NA	12-m	6

18:55:27	19:54:00	2018.1.00659.L	AH_Sco_d_06_TM2	ATOMIUM: ALMA Tracing the Origins Decin of Molecules In dUst-forming oxygen-rich M-type stars		EU NA	12-m	6
19:12:51	20:40:14	2018.1.00443.S	G343.756_a_06_7M	How is the mass assembled in high-mass star-forming regions?	Traficante	EU	7-m	6
19:50:04	20:15:29	2018.1.01639.S	Oph-C-N_a_06_TP	Highly deuterated starless cores with low CO freeze out: a chemical puzzle	Punanova	EU	Total Power	6
19:54:07	20:20:47	2018.1.00659.L	KW_Sgr_d_06_TM2	ATOMIUM: ALMA Tracing the Origins Decin of Molecules In dUst-forming oxygen-rich M-type stars		EU NA	12-m	6
20:39:50	20:56:53	2017.1.00237.S	G14.22-0_a_06_TM2	The formation of high-mass binary systems by core/disk fragmentation	Sanhueza	EA	12-m	6
20:40:33	22:38:45	2018.1.00331.S	AG14.49_a_07_7M	Does H2D+ probe the coldest and densest parts of molecular clumps?	Bovino	CL	7-m	7
20:57:00	21:59:37	2018.1.01740.S	SPT2340-_a_03_TM1	Looking Through the Cosmic Lens: probing the dark matter in lensed high-redshift galaxies using rotation curves	Molina	CL	12-m	3
21:59:42	22:22:15	2017.1.00237.S	G35.13-0_a_06_TM2	The formation of high-mass binary systems by core/disk fragmentation	Sanhueza	EA	12-m	6
22:22:21	23:37:27	2018.1.01750.S	GRB_9804_a_06_TM1	The structure of molecular gas in the vicinity of the closest known Gamma Ray Burst	Arabsalmani	EU	12-m	6
22:46:22	00:12:28	2018.1.01115.S	Tile_011_a_06_7M	A Large Unbiased and Complete Survey of CO in the Small Magellanic Cloud	Jameson	OTHER	7-m	6
23:51:25	00:45:10	2018.1.01031.S	SNR1E010_a_03_TM1	Revealing dust processing in the young supernova remnant 1E,0102.2-72129 in the SMC	Vogt	EU	12-m	3

### 2018-11-23

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:12:36	01:38:44	2018.1.01115.S	Tile_025_a_06_7M	A Large Unbiased and Complete Survey of CO in the Small Magellanic Cloud	Jameson	OTHER	7-m	6
00:45:15	01:52:36	2018.1.00378.S	M33SNR_2_a_06_TM1	ALMA CO Survey of the Brightest X-Ray Supernova Remnants in the Nearby Spiral Galaxy M33	Sano	EA	12-m	6
01:51:46	03:17:37	2018.1.01115.S	Tile_003_a_06_7M	A Large Unbiased and Complete Survey of CO in the Small Magellanic Cloud	Jameson	OTHER	7-m	6
02:06:19	03:11:13	2018.1.00378.S	M33SNR_2_a_06_TM1	ALMA CO Survey of the Brightest X-Ray Supernova Remnants in the Nearby Spiral Galaxy M33	Sano	EA	12-m	6
03:11:20	04:25:19	2018.1.01038.S	HH270VLA_a_06_TM1	Hunting For Companionship: Constraining the Close Binary Formation Mechanism in Orion Protostars	Tobin	NA	12-m	6
03:17:45	04:40:57	2018.1.01205.L	NGC1333_a_06_7M	Fifty AU STudy of the chemistry in the Yamamoto disk/envelope system of Solar-like protostars (FAUST)		EA EU NA	7-m	6
03:20:23	04:52:55	2018.1.00756.S	MC01_a_06_TP	A comprehensive survey to study the evolution of high-density cores in Taurus	Tachihara	EA	Total Power	6
04:25:26	05:24:28	2018.1.01055.L	MWC_480_a_06_TM2	The Chemistry of Planet Formation	Oberg	CL EA EU NA	12-m	6
04:41:05	06:02:31	2018.1.00744.S	HOPS-11_a_06_7M	Evolution of outflow-envelope interactions in low-mass protostars	Arce	NA	7-m	6
04:53:03	05:39:56	2018.1.00756.S	MC01_a_06_TP	A comprehensive survey to study the evolution of high-density cores in Taurus	Tachihara	EA	Total Power	6
05:24:35	06:22:54	2018.1.00295.S	SPT0615-_a_07_TM1	FIR [O III] emission from a candidate z ~ 10 galaxy	Tamura	EA	12-m	7
06:14:37	07:35:33	2018.1.00744.S	HOPS-11_a_06_7M	Evolution of outflow-envelope interactions in low-mass protostars	Arce	NA	7-m	6
06:26:02	07:12:46	2018.1.00543.S	GS30274_b_03_TM1	Simultaneous AGN and star formation driven feedback in action on a massive, typical galaxy at z~2	Herrera-Camus	CL	12-m	3
07:12:53	08:10:54	2018.1.00295.S	SPT0615-_a_07_TM1	FIR [O III] emission from a candidate z ~ 10 galaxy	Tamura	EA	12-m	7
09:36:20	10:26:42	2018.1.01767.S	J1100+08_a_07_TM1	Quasar Feedback Survey: establishing the impact of radio	Thomson	EU	12-m	7

10:26:49	11:14:28	2018.1.00763.S	V_Hya_a_10_TM1	jets on typical AGN hosts via sub-kpc molecular gas imaging HCN laser lines as beacons for highest resolution imaging	Wong	EU	12-m	10
11:11:19	12:35:15	2018.1.00135.S	NGC_4666_a_06_7M	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	7-m	6
11:31:40	12:56:00	2018.1.00357.S	3C273_a_07_TM1	Magnetic field and emission mechanism in relativistic jets on sub-pc and kpc scales	Hovatta	EU	12-m	7
12:57:30	13:56:43	2018.1.00357.S	3C273_a_07_TM1	Magnetic field and emission mechanism in relativistic jets on sub-pc and kpc scales	Hovatta	EU	12-m	7
13:40:38	15:01:40	2018.1.00135.S	NGC_4666_a_06_TP	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	Total Power	6
15:01:47	16:47:41	2018.1.01639.S	Oph-C-N_a_07_TP	Highly deuterated starless cores with low CO freeze out: a chemical puzzle	Punanova	EU	Total Power	7
16:50:29	17:36:57	2018.1.00861.S	G15v2.77_a_06_TM1	The Shape of Water: Dissecting the ISM in high-redshift dusty starbursts with luminous water emission lines	Yang	EU	12-m	6
17:06:07	18:52:49	2018.1.00443.S	G343.756_a_06_TP	How is the mass assembled in high-mass star-forming regions?	Traficante	EU	Total Power	6
17:37:06	18:51:43	2018.1.01205.L	IRAS_153_a_06_TM1	Fifty AU STudy of the chemistry in the disk/envelope system of Solar-like protostars (FAUST)	Yamamoto	EA EU NA	12-m	6
19:11:02	19:31:13	2017.1.01355.L	W51-E_a_06_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	6
19:12:35	19:48:34	2018.1.00538.S	J1824.3-_a_06_TM1	ALMA-BASS: CND-scale molecular gas survey toward nearby luminous AGNs selected with the Swift-BAT hard X-ray survey	Izumi	EA	12-m	6
19:35:51	21:33:41	2018.1.00331.S	AG14.49_a_07_7M	Does H2D+ probe the coldest and densest parts of molecular clumps?	Bovino	CL	7-m	7
19:48:41	20:10:08	2017.1.00237.S	G24.60+0_b_06_TM2	The formation of high-mass binary systems by core/disk fragmentation	Sanhueza	EA	12-m	6
20:11:01	20:32:43	2017.1.00237.S	G35.13-0_a_06_TM2	The formation of high-mass binary systems by core/disk fragmentation	Sanhueza	EA	12-m	6
20:32:51	20:53:29	2018.1.01420.S	SgrB1off_a_03_TM2	Are they low-mass protostars? A census of hundreds of compact sources in the Central Molecular Zone	Lu	EA	12-m	3
20:53:36	21:22:03	2018.1.01441.S	G19.01-0_a_06_TM2	First resolved observation of the isolated, high-mass circumstellar disk candidate G19.01-0.03	Williams	EU	12-m	6
21:33:49	23:04:04	2018.1.00862.S	G5_a_06_7M	Perfect Twins? Excited Molecular Gas Clumps Symmetric to Sgr A*	Ott	NA	7-m	6
21:57:56	23:16:59	2018.1.00850.S	G028.53-_a_03_TP	From filaments to cores: Dynamics in infrared dark clouds	Barnes	EU	Total Power	3
22:02:33	23:16:07	2018.1.00888.S	IRAS_201_a_07_TM1	Constraining the mass of the fastest molecular outflow in the local universe	Gowardhan	NA	12-m	7
23:05:30	00:46:25	2018.1.00294.S	NGC253_a_07_7M	Ionized Gas, Radiation Field, Masses, and Dust Temperature in Forming Massive Clusters in the NGC253 Starburst	Bolatto	NA	7-m	7
23:16:14	00:06:02	2018.1.00638.S	R_Aqr_a_07_TM1	Further observations of R Aqr	Bujarrabal	EU	12-m	7

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Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:06:09	00:23:26	2018.1.01817.S	J233447_a_06_TM1	Following the evolution of the most luminous AGN: the epoch of z=2-3.5	Lira	CL	12-m	6
00:23:33	01:31:02	2018.1.00378.S	M33SNR_2_a_06_TM1	ALMA CO Survey of the Brightest X-Ray Supernova Remnants in the Nearby Spiral Galaxy M33	Sano	EA	12-m	6
01:07:05	02:32:55	2018.1.00859.S	Slug_Neb_a_04_7M	Molecular gas across the CGM of Enormous Ly-alpha Nebulae	Emonts	NA	7-m	4
02:34:17	03:57:12	2018.1.00756.S	MC05S_a_06_TP	A comprehensive survey to study the evolution of high-density cores in Taurus	Tachihara	EA	Total Power	6
02:48:19	04:28:52	2018.1.00294.S	NGC253_a_07_7M	Ionized Gas, Radiation Field, Masses, and Dust Temperature in Forming Massive Clusters in the NGC253 Starburst	Bolatto	NA	7-m	7

04:26:26	04:59:16	2018.1.00310.S	04334465_a_07_TM2	Hunting for Structures in Protoplanetary Disks around Very Low Mass Stars	Pinilla	NA	12-m	7
04:29:00	06:05:21	2018.1.01670.S	SPT0418-_a_08_7M	Building a sample of [NII] 122 and 205 micron emission lines in high-z dusty star forming galaxies	Cunningham	NA	7-m	8
04:59:23	06:22:46	2018.1.01438.S	l1448-mm_a_07_TM1	Where does high-velocity water emission originate in protostellar systems?	Kristensen	EU	12-m	7
09:27:40	10:46:46	2018.1.01594.S	COSMOS_a_03_7M	Intensity Mapping of High Redshift Molecular Gas at 3mm	Keating	NA	7-m	3
10:42:59	11:20:18	2018.1.00135.S	NGC_4666_a_06_TP	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	Total Power	6
11:58:10	13:15:12	2018.1.00135.S	NGC_4666_a_06_TP	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	Total Power	6
12:18:15	13:11:33	2018.1.00861.S	G15v2.77_b_06_TM1	The Shape of Water: Dissecting the ISM in high-redshift dusty starbursts with luminous water emission lines	Yang	EU	12-m	6
13:11:40	14:05:04	2018.1.00861.S	G15v2.77_b_06_TM1	The Shape of Water: Dissecting the ISM in high-redshift dusty starbursts with luminous water emission lines	Yang	EU	12-m	6
13:15:26	14:32:06	2018.1.00135.S	NGC_4666_a_06_TP	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	Total Power	6
14:05:11	14:37:04	2018.1.00538.S	J1613.2-_a_06_TM1	ALMA-BASS: CNB-scale molecular gas survey toward nearby luminous AGNs selected with the Swift-BAT hard X-ray survey	Izumi	EA	12-m	6
15:20:35	15:50:27	2018.1.00861.S	G15v2.77_a_06_TM1	The Shape of Water: Dissecting the ISM in high-redshift dusty starbursts with luminous water emission lines	Yang	EU	12-m	6
23:17:49	00:21:27	2018.1.01006.S	Helix_Ne_c_06_7M	Testing the Molecular Gas Thermometer: Mapping Irradiation Tracers in Two Helix Nebula Globules	Bublitz	NA	7-m	6
23:24:40	00:37:50	2018.1.00888.S	IRAS_201_a_07_TM1	Constraining the mass of the fastest molecular outflow in the local universe	Gowardhan	NA	12-m	7

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Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:21:34	01:25:22	2018.1.01006.S	Helix_Ne_c_06_7M	Testing the Molecular Gas Thermometer: Mapping Irradiation Tracers in Two Helix Nebula Globules	Bublitz	NA	7-m	6
00:58:48	02:12:40	2018.1.01060.S	SPT2147-_a_05_TM1	TEMPLATES: Targeting Extremely Magnified Panchromatic Lensed Arcs and Their Extended Star formation	Vieira	NA	12-m	5
02:18:17	03:59:28	2018.1.00294.S	NGC253_a_09_TM1	Ionized Gas, Radiation Field, Masses, and Dust Temperature in Forming Massive Clusters in the NGC253 Starburst	Bolatto	NA	12-m	9
02:26:27	04:00:42	2018.1.01670.S	SPT0314-_a_07_7M	Building a sample of [NII] 122 and 205 micron emission lines in high-z dusty star forming galaxies	Cunningham	NA	7-m	7
03:48:35	05:11:18	2018.1.00756.S	MC05S_a_06_TP	A comprehensive survey to study the evolution of high-density cores in Taurus	Tachihara	EA	Total Power	6
03:59:35	05:14:44	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
04:00:50	05:30:29	2018.1.01670.S	SPT0314-_a_07_7M	Building a sample of [NII] 122 and 205 micron emission lines in high-z dusty star forming galaxies	Cunningham	NA	7-m	7
05:11:25	06:19:40	2018.1.01868.S	MonR2_a_04_TP	Deuteration in warm dense gas regions	Treviño-Morales	EU	Total Power	4
05:20:34	06:31:29	2017.1.00225.S	MACSJ041_a_05_TM1	FIR [O III] and [C II] emission from a ~ 8 candidate galaxy: A glimpse into early production of heavy elements	Tamura	EA	12-m	5
05:30:36	06:56:05	2018.1.00273.S	NGC2024B_a_06_7M	Fragmentation & Ambipolar Diffusion in a Filamentary Cloud	Liu	CL	7-m	6

06:19:45	07:01:43	2018.1.01868.S	MonR2_a_04_TP	Deuteration in warm dense gas regions	Treviño-Morales	EU	Total Power	4
06:32:22	07:42:42	2017.1.00225.S	MACSJ041_a_05_TM1	FIR [O III] and [C II] emission from a z ~ 8 candidate galaxy: A glimpse into early production of heavy elements		EA	12-m	5
07:42:49	08:53:07	2017.1.00225.S	MACSJ041_a_05_TM1	FIR [O III] and [C II] emission from a z ~ 8 candidate galaxy: A glimpse into early production of heavy elements		EA	12-m	5
08:22:57	09:30:49	2018.1.01868.S	MonR2_a_04_TP	Deuteration in warm dense gas regions	Treviño-Morales	EU	Total Power	4
08:24:02	09:42:49	2018.1.01594.S	COSMOS_a_03_7M	Intensity Mapping of High Redshift Molecular Gas at 3mm	Keating	NA	7-m	3
08:53:14	09:49:00	2018.1.00699.S	IRAS_110_a_05_TM1	Resolving Massive Molecular Outflows in a Representative Sample of Local ULIRGs	Pereira Santaella	EU	12-m	5
09:30:56	10:53:30	2018.1.00272.S	NGC4038_a_03_TP	Adjusting the Reception of The Antennae: A Clear Look at GMCs in a Major Merger	Wilson	NA	Total Power	3
09:42:56	11:01:32	2018.1.01594.S	COSMOS_b_03_7M	Intensity Mapping of High Redshift Molecular Gas at 3mm	Keating	NA	7-m	3
10:08:43	10:54:20	2018.1.00763.S	V_Hya_b_10_TM1	HCN laser lines as beacons for highest resolution imaging	Wong	EU	12-m	10
11:00:42	12:34:29	2017.1.00784.S	NGC_5044_a_06_TP	The Molecular Gas Content in the NGC 5044 Group	David	NA	Total Power	6
11:02:59	12:32:50	2017.1.01052.S	ALMA_J12_a_08_TM1	Mapping the Interstellar Medium of HI-Rich Galaxies at z~4	Neeleman	NA	12-m	8
11:08:52	12:32:29	2018.1.00135.S	NGC_4666_a_06_7M	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	7-m	6
12:35:15	13:09:29	2017.1.00784.S	NGC_5044_a_06_TP	The Molecular Gas Content in the NGC 5044 Group	David	NA	Total Power	6
12:47:02	14:10:28	2018.1.00135.S	NGC_4666_a_06_7M	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	7-m	6
12:49:35	13:57:19	2018.1.00065.S	IRAS_143_a_08_TM1	The H2O 448 GHz line with ALMA: the high-resolution view of the far-infrared absorption observed with Herschel	Gonzalez-Alfonso	EU	12-m	8
13:09:34	14:26:07	2018.1.00135.S	NGC_5775_a_06_TP	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	Total Power	6
13:57:29	15:19:49	2018.1.00564.S	2MASS_J1_b_07_TM1	Completing the Census of Disks in the Upper Sco OB Association	Carpenter	NA	12-m	7
14:38:04	16:15:41	2018.1.01639.S	Oph-C-N_a_07_TP	Highly deuterated starless cores with low CO freeze out: a chemical puzzle	Punanova	EU	Total Power	7
16:09:40	17:35:05	2018.1.00443.S	G332.604_a_03_7M	How is the mass assembled in high-mass star-forming regions?	Traficante	EU	7-m	3
16:16:56	17:43:33	2017.1.01406.S	RX_J1713_a_03_TP	A Quest for Cosmic Ray Acceleration Site: Unveiling the Shock-Cloud Interaction toward the Young SNR RX J1713.7-3946	Sano	EA	Total Power	3
16:49:23	17:13:33	2018.1.00814.S	MWC297_a_06_TM1	Bridging the Mass gap - Disks around Intermediate mass protostars	Maud	EU	12-m	6
17:34:16	18:06:42	2017.1.00237.S	G336.01-_a_06_TM2	The formation of high-mass binary systems by core/disk fragmentation	Sanhueza	EA	12-m	6
18:29:35	19:35:41	2018.1.01873.S	B335_a_03_TM1	Testing protostellar dust polarization properties in different local conditions	Maury	EU	12-m	3
19:16:25	19:46:26	2018.1.00850.S	G028.53-_a_03_TP	From filaments to cores: Dynamics in infrared dark clouds	Barnes	EU	Total Power	3
19:35:46	20:27:46	2018.1.01873.S	B335_a_03_TM1	Testing protostellar dust polarization properties in different local conditions	Maury	EU	12-m	3
20:27:53	21:19:55	2018.1.01873.S	B335_a_03_TM1	Testing protostellar dust polarization properties in different local conditions	Maury	EU	12-m	3
21:29:01	22:01:55	2018.1.00490.S	J003829-_a_03_TM1	Search for Molecular Absorption Lines in the Host Galaxy of High Redshift AGNs	Wiklind	NA	12-m	3
21:43:56	23:03:36	2018.1.00850.S	G028.53-_a_03_7M	From filaments to cores: Dynamics in infrared dark clouds	Barnes	EU	7-m	3
22:02:02	22:35:36	2018.1.00490.S	J002442-_a_03_TM1	Search for Molecular Absorption Lines in the Host Galaxy of High Redshift AGNs	Wiklind	NA	12-m	3
22:53:35	00:06:57	2018.1.00888.S	IRAS_201_a_07_TM1	Constraining the mass of the fastest molecular outflow in the	Gowardhan	NA	12-m	7



Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:06:50	00:29:54	2018.1.00162.S	ngc253_c_05_7M	ALCHEMI II: Filling the Band 5 gap	Martin	EU	7-m	5
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00:07:05	00:43:47	2018.1.00749.S	Mira_b_07_TM2	Observing the wind acceleration of Mira in real time	Khoury	EU	12-m	7
00:30:01	01:42:57	2018.1.00922.S	helms65_a_05_7M	Nature of Herschel-Selected Distant Starbursts (Time Filler)	Riechers	NA	7-m	5
01:05:51	01:48:13	2018.1.00585.S	3C78_a_03_TM1	ALMA-SPONGE: the role of neutral hydrogen in diffuse interstellar chemistry	Stanimirovic	NA	12-m	3
01:57:37	02:47:01	2018.1.00378.S	M33SNR_2_a_06_TM1	ALMA CO Survey of the Brightest X-Ray Supernova Remnants in the Nearby Spiral Galaxy M33	Sano	EA	12-m	6
01:59:35	02:47:44	2018.1.00162.S	ngc253_c_05_7M	ALCHEMI II: Filling the Band 5 gap	Martin	EU	7-m	5
02:58:12	04:04:21	2018.1.00775.S	IRAS_041_a_06_TM1	The remarkable molecular jet from IRAS 04166	Tafalla	EU	12-m	6
03:04:21	04:43:15	2018.1.01670.S	SPT0459-a_08_7M	Building a sample of [NII] 122 and 205 micron emission lines in high-z dusty star forming galaxies	Cunningham	NA	7-m	8
04:04:26	05:04:53	2018.1.00618.S	gg_tau_a_03_TM1	Polarization of the GG Tau A dust ring	Tang	EA	12-m	3
04:43:23	05:30:01	2018.1.00302.S	G191.90-a_06_7M	Fragmentation and substructures of dense cores close to the onset of star formation in the Orion complex	Liu	EA	7-m	6
05:05:00	05:51:52	2018.1.00618.S	gg_tau_a_03_TM1	Polarization of the GG Tau A dust ring	Tang	EA	12-m	3
05:33:27	06:43:15	2018.1.00302.S	G200.34-a_06_7M	Fragmentation and substructures of dense cores close to the onset of star formation in the Orion complex	Liu	EA	7-m	6
05:53:36	06:33:42	2018.1.00115.S	J0438+30_a_03_TM1	Anticenter Dark Neutral Matter	Liszt	NA	12-m	3
06:33:49	07:22:40	2018.1.01754.S	SMMJ0658_a_03_TM2	From Dust till Dark II: Dissecting SMMJ0658 the brightest strongly lensed galaxy behind the Bullet Cluster	Motta	CL	12-m	3
07:34:44	08:59:13	2018.1.01605.S	HZ4_a_07_TM1	Resolved Kinematics of a Normal, Star-forming Galaxy at z=5	Herrera-Camus	CL	12-m	7
08:59:16	10:23:26	2018.1.01605.S	HZ4_a_07_TM1	Resolved Kinematics of a Normal, Star-forming Galaxy at z=5	Herrera-Camus	CL	12-m	7
10:23:33	11:33:37	2018.1.01767.S	J1010+06_a_07_TM1	Quasar Feedback Survey: establishing the impact of radio jets on typical AGN hosts via sub-kpc molecular gas imaging	Thomson	EU	12-m	7
10:54:27	12:18:16	2018.1.00135.S	NGC_4666_a_06_7M	Extra-planar & Diffuse Molecular Gas in Spiral Galaxies	Zschaechner	EU	7-m	6
11:42:13	12:00:25	2018.1.00517.S	NGC_2903_a_06_TM2	WISDOM: Supermassive Black Hole Mass Measurements for Nearby Spiral Galaxies using Molecular Gas	Onishi	EA	12-m	6