

**ALMA Observing Activity from 2017-04-30T17:59:00 to 2017-05-07T18:00:00**  
**QA0 pass executions**

**2017-05-07**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
12:39:27	13:19:23	2016.1.00543.S	mADF22_b_03_TM1	Molecular Gas Mapping of the Node within the Cosmic Web at z = 3	Umehata	EA	12-m	3
11:57:28	14:02:06	2016.1.00907.S	hr_8799_a_07_7M	Planet-disk interactions in the HR 8799 system	Faramaz	CL	7-m	7
11:29:46	12:22:38	2016.1.01135.S	ngc6861_a_07_TM1	Black Hole Masses, central parsec gas dynamics, and Event Horizon Detectability in a sample of nearby galaxies	Nagar	CL	12-m	7
11:06:51	11:29:25	2016.1.01158.S	HD_16914_a_03_TM2	Clumpy rings in HD 169142: catching the formation of pebbles	Osorio	EU	12-m	3
10:16:37	11:06:18	2016.1.01036.S	IRAS_181_b_06_TM2	The formation of high-mass binary systems by core/disk fragmentation	Sanhueza	EA	12-m	6
08:26:40	09:34:32	2016.1.01015.S	G330.953_a_06_TM1	The Extreme UV through ALMA's Eyes: a unique probe of the ionizing spectrum of OB Stars	de Mink	EU	12-m	6
08:22:29	09:46:28	2016.A.00022.S	MRing_a_03_7M	ACA characterization of the extended intra-clump emission in Super-Cluster precursors in the Galactic Center 100-pc ring	Molinari	EU	7-m	3
07:27:40	08:26:32	2016.1.01015.S	G330.953_a_06_TM1	The Extreme UV through ALMA's Eyes: a unique probe of the ionizing spectrum of OB Stars	de Mink	EU	12-m	6
07:08:15	08:21:13	2016.A.00022.S	MRing_a_03_7M	ACA characterization of the extended intra-clump emission in Super-Cluster precursors in the Galactic Center 100-pc ring	Molinari	EU	7-m	3
06:28:45	07:27:21	2016.1.01015.S	G332.825_a_06_TM1	The Extreme UV through ALMA's Eyes: a unique probe of the ionizing spectrum of OB Stars	de Mink	EU	12-m	6
05:38:53	07:07:49	2016.1.01013.S	Stone_Cl_a_06_7M	Testing a New Mode for Cloud Collapse in Galaxy Centers	Battersby	NA	7-m	6
05:30:14	06:28:35	2016.1.01015.S	G332.825_a_06_TM1	The Extreme UV through ALMA's Eyes: a unique probe of the ionizing spectrum of OB Stars	de Mink	EU	12-m	6
04:30:06	05:25:48	2016.1.00777.S	IRAS_131_b_06_TM1	Nucleosynthesis Enrichment in a Cosmic Yo-Yo	Sliwa	EU	12-m	6
03:15:55	04:11:46	2016.1.00777.S	IRAS_131_b_06_TM1	Nucleosynthesis Enrichment in a Cosmic Yo-Yo	Sliwa	EU	12-m	6
02:19:56	03:15:42	2016.1.00777.S	IRAS_131_b_06_TM1	Nucleosynthesis Enrichment in a Cosmic Yo-Yo	Sliwa	EU	12-m	6
01:43:52	02:19:42	2016.1.00777.S	IRAS_131_a_06_TM1	Nucleosynthesis Enrichment in a Cosmic Yo-Yo	Sliwa	EU	12-m	6
00:30:22	01:42:10	2016.1.00311.S	TW_Hya_a_06_TM1	TW Hya as a Chemical Rosetta Stone Cleeves		NA	12-m	6

**2017-05-06**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:20:32	00:14:17	2016.1.00798.S	C-C-971_a_03_TM1	SUPER-ALMA: gas fractions and depletion timescales in AGN hosts at z~2	Mainieri	EU	12-m	3
22:24:31	23:18:06	2016.1.00798.S	C-C-971_a_03_TM1	SUPER-ALMA: gas fractions and depletion timescales in AGN hosts at z~2	Mainieri	EU	12-m	3
13:36:17	15:41:24	2016.1.01037.S	taffy1_a_09_7M	After the Storm: Mapping the Highly Disturbed Molecular Gas in the Taffy Galaxies and Bridge	Appleton	NA	7-m	9
13:19:16	14:47:43	2016.1.00434.S	UDS.0425_a_07_TM1	Unlocking our understanding of submm galaxies with ALMA identifications for >1000 SMGs	Smail	EU	12-m	7
12:16:12	13:17:38	2016.1.00087.S	SGP38_a_06_TM1	N+ in the most luminous SMGs in the Universe at z>4	Chapman	NA	12-m	6
11:46:18	12:04:38	2015.1.00926.S	NGC7049_a_04_TE	Direct Emission from Advection Dominated Accretion Flows in the Local Universe	Hogan	NA	12-m	4
11:18:30	13:23:02	2016.1.00907.S	hr_8799_a_07_7M	Planet-disk interactions in the HR 8799 system	Faramaz	CL	7-m	7
10:19:02	11:33:03	2016.1.00268.S	W51e2_a_07_TM1	Probing Inward Motion of Magnetized Su Gas in Massive Star Forming Region W51e2/e8: From 0.5 pc to 1500 AU		EA	12-m	7

09:50:52	10:18:28	2015.1.00926.S	NGC6868_a_04_TE	Direct Emission from Advection Dominated Accretion Flows in the Local Universe	Hogan	NA	12-m	4
09:07:12	10:52:23	2016.1.01013.S	Stone_Cl_a_06_7M	Testing a New Mode for Cloud Collapse in Galaxy Centers	Battersby	NA	7-m	6
08:30:00	09:41:02	2016.1.00549.S	AS205A_a_07_TM1	The Water Snowline in Solar Mass Stars	Carr	NA	12-m	7
07:22:57	08:29:46	2016.1.01468.S	VLA_1623_a_03_TM1	The nitrogen isotopic ratio in interstellar ices	Magalhães	EU	12-m	3
06:23:18	07:22:38	2016.1.01015.S	G332.825_a_06_TM1	The Extreme UV through ALMA's Eyes: a unique probe of the ionizing spectrum of OB Stars	de Mink	EU	12-m	6
05:58:58	06:22:54	2016.1.01042.S	Wa_Oph_6_a_06_TM2	Grain growth and sub-structure in protoplanetary disks	Chandler	NA	12-m	6
05:33:49	05:58:41	2016.1.01042.S	WSB60_a_06_TM2	Grain growth and sub-structure in protoplanetary disks	Chandler	NA	12-m	6
04:52:33	05:33:20	2016.1.00150.S	Circinus_a_07_TM2	Resolving the AGN circumnuclear region with submillimeter water masers using the long-baseline ALMA	Hagiwara	EA	12-m	7
04:04:20	04:51:10	2016.1.00777.S	IRAS_131_a_07_TM1	Nucleosynthesis Enrichment in a Cosmic Yo-Yo	Sliwa	EU	12-m	7
03:53:23	05:53:50	2016.A.00010.S	HR4796_a_09_7M	Cometary out-gassing or icy planetesimal collision in a young debris disk?	Olofsson	CL	Mixed	9
02:03:19	03:53:13	2016.A.00010.S	HR4796_a_09_7M	Cometary out-gassing or icy planetesimal collision in a young debris disk?	Olofsson	CL	Mixed	9
01:46:42	03:37:43	2016.1.00497.S	HD100546_a_07_TM1	Probing particle trapping in transition disks via dust polarization	Pohl	EU	12-m	7

## 2017-05-05

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:39:05	01:27:26	2016.1.00497.S	HD100546_a_07_TM1	Probing particle trapping in transition disks via dust polarization	Pohl	EU	12-m	7
22:28:33	23:36:25	2016.1.00311.S	TW_Hya_a_06_TM1	TW Hya as a Chemical Rosetta Stone Cleeves	NA	12-m	6	
20:49:19	22:06:32	2016.1.00376.S	omc_c1_b_06_TM1	Surveying the chemical nature of protostars in OMC-2/3	López-Sepulcre	EA	12-m	6
11:39:15	12:04:11	2016.1.00231.S	SPT0112-_a_07_TM1	Imaging the most distant and extreme starbursts in the Universe	Strandet	EU	12-m	7
10:19:21	11:38:51	2016.1.00005.S	v1362_aq_a_06_TM1	The evolutionary conundrum of the superwind phase of oxygen-rich asymptotic giant branch stars	Lombaert	EU	12-m	6
09:34:18	11:19:14	2016.1.01013.S	Stone_Cl_a_06_7M	Testing a New Mode for Cloud Collapse in Galaxy Centers	Battersby	NA	7-m	6
08:58:41	10:17:48	2016.1.01156.S	PDS456_a_07_TM1	Communicating the energy: coupling nuclear power and molecular gas in PDS 456	Piconcelli	EU	12-m	7
07:58:01	08:57:08	2016.A.00018.S	PJ308-21_a_06_TM1	A detailed image of the first merger	Decarli	EU	12-m	6
07:06:05	07:55:51	2016.1.01137.S	NGC6334I_a_08_TM1	Hot water in the inner envelope of massive proto-stars/clusters	Wyrowski	EU	12-m	8
05:56:16	06:54:16	2016.1.01515.S	SDSS_J16_a_07_TM1	Revealing Major Mergers Among the Extreme Star Forming Hosts of the Fastest Growing Super-Massive Black Holes at z=4.8	Lira	CL	12-m	7
04:57:41	05:55:41	2016.1.01515.S	SDSS_J16_a_07_TM1	Revealing Major Mergers Among the Extreme Star Forming Hosts of the Fastest Growing Super-Massive Black Holes at z=4.8	Lira	CL	12-m	7
03:31:23	04:45:53	2016.1.01182.S	EC2_G336_a_06_7M	(Proto)Binaries and multiplicity properties in high-mass star-forming clusters	Grellmann	EU	7-m	6
03:24:18	03:57:32	2016.1.01504.S	IRAS1348_a_07_TM2	Characterising the disk & collimated outflow from a high-mass protostar using multi-wavelength interferometry	Kraus	EU	12-m	7
02:25:08	03:29:54	2016.1.01539.S	Lupus3e_a_06_7M	Distribution of dense molecular gas in the active center of Lupus3	Mardones	CL	7-m	6
02:07:04	03:23:15	2016.1.01613.S	Circinus_a_07_TM1	Dynamical flow process of a torus: Testing a radiation-driven fountain model in Circinus	Izumi	EA	12-m	7

00:25:37	01:38:27	2016.1.00777.S	IRAS_131_e_06_TM1	Nucleosynthesis Enrichment in a Cosmic Yo-Yo	Sliwa	EU	12-m	6
<b>2017-05-04</b>								
Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:15:22	00:23:31	2016.1.00544.S	PSOJ167_a_06_TM1	The birth of the giants: Imaging spectacular mergers at the dawn of galaxy formation	Banados	NA	12-m	6
22:18:55	22:42:39	2016.1.00798.S	C-C-467_a_03_TM1	SUPER-ALMA: gas fractions and depletion timescales in AGN hosts at z~2	Mainieri	EU	12-m	3
21:54:12	22:17:27	2016.1.00798.S	C-C-166_a_03_TM1	SUPER-ALMA: gas fractions and depletion timescales in AGN hosts at z~2	Mainieri	EU	12-m	3
20:20:42	21:17:30	2016.1.01123.S	V380_b_03_7M	Formation and early evolution of embedded proto-clusters	Hacar	EU	7-m	3
20:05:45	21:18:04	2016.1.00881.S	S05_a_03_TM1	What Stops Galactic Star Formation? An ALMA Study of Dense Molecular Gas in Post-Starburst Galaxies	French	NA	12-m	3
19:10:08	20:03:09	2016.1.01042.S	MHO12_a_03_TM2	Grain growth and sub-structure in protoplanetary disks	Chandler	NA	12-m	3
19:01:53	20:17:23	2016.1.00928.S	MC5_a_06_7M	Early Stages of Dense Core Evolution	Tachihara	EA	7-m	6
16:23:32	17:07:26	2016.1.00380.S	N44C_a_03_TM1	Characterizing Molecular-Cloud-Scale Chemistry in the Large Magellanic Cloud	Nishimura	EA	12-m	3
15:20:32	16:07:31	2016.1.00031.S	JVAS0218_a_03_TM1	The molecular absorber toward B0218+357	Muller	EU	12-m	3
14:18:15	15:09:27	2016.A.00030.T	PANSTARR_b_07_TM1	Probing chemical heterogeneity in the Qi nucleus of a long-period comet		NA	12-m	7
13:18:36	14:10:18	2016.A.00030.T	PANSTARR_b_07_TM1	Probing chemical heterogeneity in the Qi nucleus of a long-period comet		NA	12-m	7
12:45:58	13:17:58	2016.1.00231.S	SPT0002_a_07_TM1	Imaging the most distant and extreme Strandet starbursts in the Universe		EU	12-m	7
12:19:58	12:45:07	2016.1.00231.S	SPT2101_a_07_TM1	Imaging the most distant and extreme Strandet starbursts in the Universe		EU	12-m	7
11:48:05	13:52:34	2016.1.00907.S	hr_8799_a_07_7M	Planet-disk interactions in the HR 8799 system	Faramaz	CL	7-m	7
11:09:49	12:09:46	2016.1.00010.S	J1924+15_a_03_TM1	Resolving GMCs using CO Absorption Toward Compact QSOs Directly Behind the MW Disk	Koda	EA	12-m	3
09:58:06	11:36:48	2016.A.00022.S	MRing_b_03_7M	ACA characterization of the extended intra-clump emission in Super-Cluster precursors in the Galactic Center 100-pc ring	Molinari	EU	7-m	3
09:54:27	10:45:43	2016.A.00030.T	PANSTARR_a_07_TM1	Probing chemical heterogeneity in the Qi nucleus of a long-period comet		NA	12-m	7
08:54:11	09:54:12	2016.A.00030.T	PANSTARR_a_07_TM1	Probing chemical heterogeneity in the Qi nucleus of a long-period comet		NA	12-m	7
06:46:24	08:20:31	2016.A.00022.S	MRing_b_03_7M	ACA characterization of the extended intra-clump emission in Super-Cluster precursors in the Galactic Center 100-pc ring	Molinari	EU	7-m	3
06:42:56	08:00:25	2016.1.00956.S	v4046_sg_a_07_TM1	The 14N/15N isotopic ratio in the comet forming region of protoplanetary disks	Guzman	NA	12-m	7
06:03:19	06:41:22	2016.1.01515.S	SDSS_J16_b_07_TM1	Revealing Major Mergers Among the Extreme Star Forming Hosts of the Fastest Growing Super-Massive Black Holes at z=4.8	Lira	CL	12-m	7
05:10:22	05:56:57	2016.1.00282.S	G15v2.77_a_04_TM1	CH+ lines in starburst galaxies at redshift z=2~4: probes of massive turbulent gas reservoirs	Falgarone	EU	12-m	4
05:01:24	06:46:11	2016.1.01013.S	Stone_Cl_a_06_7M	Testing a New Mode for Cloud Collapse in Galaxy Centers	Battersby	NA	7-m	6
<b>2017-05-03</b>								
Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
13:48:08	14:18:30	2016.1.00231.S	SPT0311_a_07_TM1	Imaging the most distant and extreme Strandet starbursts in the Universe		EU	12-m	7

12:54:18	13:45:28	2015.1.00102.S	ESO_286-_b_07_TE	Warm and Dense Molecular Gas in Local Merging ULIRGs	Iono	EA	12-m	7
12:06:35	12:50:40	2016.1.01515.S	SDSS_J22_a_07_TM1	Revealing Major Mergers Among the Extreme Star Forming Hosts of the Fastest Growing Super-Massive Black Holes at z=4.8	Lira	CL	12-m	7
11:22:24	13:26:49	2016.1.00907.S	hr_8799_a_07_7M	Planet-disk interactions in the HR 8799 system	Faramaz	CL	7-m	7
10:44:33	11:37:22	2016.1.01515.S	SDSS_J20_a_07_TM1	Revealing Major Mergers Among the Extreme Star Forming Hosts of the Fastest Growing Super-Massive Black Holes at z=4.8	Lira	CL	12-m	7
09:25:31	10:35:40	2016.1.01137.S	NGC6334I_a_09_TM1	Hot water in the inner envelope of massive proto-stars/clusters	Wyrowski	EU	12-m	9
09:00:04	11:05:25	2016.1.00988.S	C1_a_07_7M	A Tale of Two Cores: Kinematics and Astrochemistry in Massive Cores with Cold Gas Tracer ortho-H2D+	Kong	NA	7-m	7
08:23:42	09:22:54	2016.A.00018.S	PJ308-21_a_06_TM1	A detailed image of the first merger	Decarli	EU	12-m	6
07:35:26	08:21:24	2016.1.00724.S	V4046_Sg_a_06_TM1	Turbulence in a Sample of Protoplanetary Disks	Flaherty	NA	12-m	6
06:55:36	08:59:54	2016.1.00988.S	C1_a_07_7M	A Tale of Two Cores: Kinematics and Astrochemistry in Massive Cores with Cold Gas Tracer ortho-H2D+	Kong	NA	7-m	7
00:18:33	01:31:23	2016.1.01202.S	R_Leo_b_06_TM1	Resolving the sub-arcsec structure surrounding the AGB star R Leo	Fonfria	EU	12-m	6

## 2017-05-02

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:23:44	00:05:51	2016.1.01553.S	NGC_3393_a_06_TM1	A Critical Comparison of Different Methods to Measure SMBH Masses	Bureau	EU	12-m	6
23:05:19	23:21:34	2015.1.01191.S	NGC2623_a_03_TE	A new molecular gas mass tracer in galaxies: a first test in the local Universe	Zhang	EU	12-m	3
22:02:00	23:27:58	2016.1.01338.S	LBS23-so_a_06_TP	Flowing the gas from molecular clouds to protostellar envelopes	Mardones	CL	Total Power	6
20:42:32	21:41:50	2015.1.00341.S	MMS3_b_06_TP	Revealing Magnetic Field Structures: IM-mass Cores in OMC-3	Takahashi	EA	Total Power	6
19:42:39	20:41:27	2015.1.00341.S	MMS3_b_06_TP	Revealing Magnetic Field Structures: IM-mass Cores in OMC-3	Takahashi	EA	Total Power	6
19:41:12	21:04:33	2016.1.01123.S	L1641S2_a_03_7M	Formation and early evolution of embedded proto-clusters	Hacar	EU	7-m	3
17:43:29	18:31:25	2016.1.00133.T	SPT0550-_a_07_7M	An ACA N+ survey of z=3-7 DSFGs from the South Pole Telescope survey	Chapman	NA	7-m	7
16:29:41	17:38:29	2016.1.00031.S	JVAS0218_b_03_TM1	The molecular absorber toward B0218+357	Muller	EU	12-m	3
15:25:39	15:53:01	2016.1.00683.S	NGC0507_a_06_TM2	Black hole mass measurements in the most MASSIVE Galaxies		NA	12-m	6
14:13:03	15:21:16	2015.1.00466.S	NGC0524_a_06_TE	The mm-Wave Interferometric Survey Onishi of Dark Object Masses (WISDOM): Increasing the number of supermassive black hole mass measurements with molecular gas using ALMA		EA	12-m	6
13:49:24	15:53:46	2016.1.00907.S	hr_8799_a_07_7M	Planet-disk interactions in the HR 8799 system	Faramaz	CL	7-m	7
11:58:49	12:50:23	2016.1.01515.S	SDSS_J20_a_07_TM1	Revealing Major Mergers Among the Extreme Star Forming Hosts of the Fastest Growing Super-Massive Black Holes at z=4.8	Lira	CL	12-m	7
09:52:50	11:57:37	2016.1.00988.S	C1_a_07_7M	A Tale of Two Cores: Kinematics and Astrochemistry in Massive Cores with Cold Gas Tracer ortho-H2D+	Kong	NA	7-m	7
08:36:15	10:31:04	2016.1.01367.S	L1689B_a_07_TP	The onset of collapse in a chemically young pre-stellar core	Bacmann	EU	Total Power	7
07:48:30	09:52:37	2016.1.00988.S	C1_a_07_7M	A Tale of Two Cores: Kinematics and Astrochemistry in Massive Cores with Cold Gas Tracer ortho-H2D+	Kong	NA	7-m	7
05:52:17	07:48:11	2016.1.00190.S	G35.20-0_a_07_7M	Dissecting disks around young B-type stars	Sanchez-Monge	EU	7-m	7

05:50:38	08:35:46	2016.1.01346.S	AGAL331_a_06_TP	Galactic Census of All Massive Starless Cores within 5 kpc	Pillai	EU	Total Power	6
<b>2017-05-01</b>								
Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
10:42:04	11:58:09	2016.1.01182.S	EC1_G017_a_06_7M	(Proto)Binaries and multiplicity properties in high-mass star-forming clusters	Grellmann	EU	7-m	6
10:23:33	11:54:14	2016.1.00615.S	iras2010_a_07_TM1	Probing Dense Gas Physics in the Most Extreme Southern Molecular Outflow	Gowardhan	NA	12-m	7
08:57:02	10:41:47	2016.1.01013.S	Stone_Cl_a_06_7M	Testing a New Mode for Cloud Collapse in Galaxy Centers	Battersby	NA	7-m	6
08:51:46	10:23:10	2016.1.00615.S	iras2010_a_07_TM1	Probing Dense Gas Physics in the Most Extreme Southern Molecular Outflow	Gowardhan	NA	12-m	7
07:46:30	08:56:49	2016.1.01346.S	AGAL034_a_06_7M	Galactic Census of All Massive Starless Cores within 5 kpc	Pillai	EU	7-m	6
07:21:05	08:48:41	2016.1.00615.S	iras2010_a_07_TM1	Probing Dense Gas Physics in the Most Extreme Southern Molecular Outflow	Gowardhan	NA	12-m	7
06:55:35	07:46:16	2016.1.00314.S	RCW120_b_07_7M	Dissecting to decipher: an ALMA study of the high-mass star formation processes in RCW 120	Bronfman	CL	7-m	7
06:05:17	07:20:36	2016.1.00747.S	G16.59_a_06_TM1	Quantifying the Feedback Potential of Brogan Young Massive Protoclusters		NA	12-m	6
06:04:16	06:55:19	2016.1.00314.S	RCW120_a_07_7M	Dissecting to decipher: an ALMA study of the high-mass star formation processes in RCW 120	Bronfman	CL	7-m	7
04:48:16	05:40:13	2016.1.01182.S	EC2_G336_b_06_TM1	(Proto)Binaries and multiplicity properties in high-mass star-forming clusters	Grellmann	EU	12-m	6
04:45:13	05:58:54	2016.1.01013.S	Stone_Cl_a_06_7M	Testing a New Mode for Cloud Collapse in Galaxy Centers	Battersby	NA	7-m	6
03:42:32	04:48:04	2016.1.01055.S	SDSS_J14_b_06_TM1	Rising from the Dead: Planet Formation and Disk Evolution around Evolved Stars	Schreiber	CL	12-m	6
03:32:41	04:44:53	2016.1.01539.S	Lupus3d_a_06_7M	Distribution of dense molecular gas in Mardones the active center of Lupus3		CL	7-m	6
02:42:00	03:06:05	2016.1.01090.S	J1409+00_a_06_TM1	The molecular gas environs of dusty radio galaxies at z~2	Heywood	OTHER	12-m	6
01:39:12	02:41:47	2016.1.00261.S	Filament_a_03_TM1	Radio jet-gas interaction and star formation: Excitation and dense molecular gas	Salome	EU	12-m	3
00:46:14	01:37:25	2016.1.00177.S	NGC_4418_a_03_TM1	Identifying molecular outflows in our neighborhood	Lutz	EU	12-m	3