

**ALMA Observing Activity from 2017-05-14T17:59:00 to 2017-05-21T18:00:00**  
**QA0 pass executions**

**2017-05-21**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
14:43:50	15:59:38	2016.1.01287.S	GRH_nort_a_04_TM1	Confirming a massive proto-cluster of submm galaxies at $z \sim 6$ discovered by ALMA	Oteo	EU	12-m	4
06:57:28	07:53:23	2016.1.01146.S	G14.114-_a_03_TP	Assessing Stability of Filamentary Accretion Flows around the Protocluster G14.114-0.574	Chen	EA	Total Power	3
06:50:52	07:49:52	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
06:17:00	07:40:20	2016.1.01304.T	YSO_b_07_TM1	The Effects of Burst Accretion on Physical and Chemical Properties of Protoplanetary Disks	Lee	EA	12-m	7
04:56:08	06:09:00	2016.1.01239.S	Sz76_a_07_TM1	Aiming for completeness: the final Lupus disk demography	van Terwisga	EU	12-m	7
03:57:08	05:31:47	2016.1.01141.S	Merin_28_a_06_7M	Formation and Evolutionary Processes of Low-mass YSOs in Lupus	Takahashi	EA	7-m	6
03:07:42	04:30:26	2015.1.00425.S	HD142527_a_07_TE	Direct constraint on grain size at a planet-forming region with polarization observation	Kataoka	EA	12-m	7
02:11:23	03:54:52	2016.1.00168.S	g327.3-0_a_06_7M	Filament fragmentation in the high-mass Star Forming region G327.3-0.6	Schilke	EU	7-m	6
01:28:05	03:07:21	2015.1.00425.S	HD142527_a_07_TE	Direct constraint on grain size at a planet-forming region with polarization observation	Kataoka	EA	12-m	7
01:04:33	02:00:00	2016.2.00025.S	R_Hya_a_06_7M	DEATH STAR: DEtermining Accurate mass-loss rates of THERmally pulsing AGB STARS	Ramstedt	EU	7-m	6
00:03:01	01:02:55	2016.2.00025.S	CZ_Hya_a_06_7M	DEATH STAR: DEtermining Accurate mass-loss rates of THERmally pulsing AGB STARS	Ramstedt	EU	7-m	6
00:02:23	01:27:46	2016.1.00311.S	TW_Hya_b_07_TM1	TW Hya as a Chemical Rosetta Stone	Cleeves	NA	12-m	7

**2017-05-20**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
11:26:02	12:28:26	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
10:15:56	12:20:08	2016.1.00907.S	hr_8799_a_07_7M	Planet-disk interactions in the HR 8799 system	Faramaz	CL	7-m	7
09:59:52	11:14:01	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
09:26:16	10:39:08	2016.1.01146.S	G14.114-_a_03_TP	Assessing Stability of Filamentary Accretion Flows around the Protocluster G14.114-0.574	Chen	EA	Total Power	3
08:47:03	09:45:54	2016.1.00595.S	IRAS2012_a_06_TM2	Dissecting the circumstellar disk around the B-type protostar IRAS20126+4104	Cesaroni	EU	12-m	6
08:11:44	10:14:03	2016.1.00560.S	M17_a_07_7M	Resolving the turbulent ambipolar diffusion scale in molecular clouds with ALMA	Pon	NA	7-m	7
07:14:58	08:45:16	2015.1.00283.S	Serpens__a_07_TE	Serpens South: Morphology and kinematics of the protostar at the cluster center	Plunkett	NA	12-m	7
06:25:01	09:21:54	2016.1.01346.S	AGAL028_a_06_TP	Galactic Census of All Massive Starless Cores within 5 kpc	Pillai	EU	Total Power	6
06:13:47	08:10:47	2016.1.00560.S	M17_a_07_7M	Resolving the turbulent ambipolar diffusion scale in molecular clouds with ALMA	Pon	NA	7-m	7
05:37:30	07:08:26	2015.1.00283.S	Serpens__a_07_TE	Serpens South: Morphology and kinematics of the protostar at the cluster center	Plunkett	NA	12-m	7
03:20:26	05:16:54	2015.1.01112.S	c2d_811_a_06_TE	Polarization and Protostars: Probing Magnetic Fields Across Disks	Sadavoy	EU	12-m	6
02:45:39	04:41:09	2016.1.01367.S	L1689B_a_07_7M	The onset of collapse in a chemically young pre-stellar core	Bacmann	EU	7-m	7
01:12:38	03:19:40	2015.1.01112.S	c2d_811_a_06_TE	Polarization and Protostars: Probing Magnetic Fields Across Disks	Sadavoy	EU	12-m	6

01:06:45	02:45:21	2016.2.00015.S	HD_11561_a_07_7M	Debris Disk Structure Around Nearby Sun-like Stars with the ACA	MacGregor	NA	7-m	7
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**2017-05-19**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:38:19	00:54:23	2016.1.00864.S	J105231_a_03_TM1	Quenching mechanisms in dense environments at high-redshift: Mapping the molecular gas in cluster galaxies at z~1.5	Galametz	EU	12-m	3
23:08:17	00:46:09	2016.2.00015.S	HD_11561_a_07_7M	Debris Disk Structure Around Nearby Sun-like Stars with the ACA	MacGregor	NA	7-m	7
11:45:56	12:36:15	2016.2.00025.S	SV_Aqr_a_06_7M	DEATH STAR: DEtermining Accurate mass-loss rates of THERmally pulsing AGB STARS	Ramstedt	EU	7-m	6
11:32:12	12:52:51	2016.1.01435.S	NGC_628_a_07_TM1	ALMA-LEGUS: Connecting Star Formation to its Fuel	Dale	NA	12-m	7
08:23:35	10:25:50	2016.1.00560.S	M17_a_07_7M	Resolving the turbulent ambipolar diffusion scale in molecular clouds with ALMA	Pon	NA	7-m	7
07:03:06	07:25:40	2016.1.00456.T	magnetar_a_03_TM1	Magnetar Emission at Submillimetre: Bridging the Gap between Radio and Infrared Detections	Ng	OTHER	12-m	3
07:02:04	08:20:32	2016.1.00433.S	W28-N3_a_07_7M	Deuterium depletion in a molecular cloud?	Ceccarelli	EU	7-m	7
06:27:22	07:01:42	2016.1.00456.T	magnetar_a_06_TM1	Magnetar Emission at Submillimetre: Bridging the Gap between Radio and Infrared Detections	Ng	OTHER	12-m	6
03:43:09	05:14:40	2016.1.01141.S	IRAS_160_a_06_7M	Formation and Evolutionary Processes of Low-mass YSOs in Lupus	Takahashi	EA	7-m	6
02:07:03	03:29:56	2016.1.00484.L	AS_205_b_06_TM1	Small-Scale Substructures in Protoplanetary Disks	Andrews	CL EU NA	12-m	6
00:59:52	02:38:15	2016.2.00015.S	HD_11561_a_07_7M	Debris Disk Structure Around Nearby Sun-like Stars with the ACA	MacGregor	NA	7-m	7
00:54:08	01:56:23	2016.1.00777.S	IRAS_131_c_06_TM1	Nucleosynthesis Enrichment in a Cosmic Yo-Yo	Sliwa	EU	12-m	6

**2017-05-18**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
05:33:50	06:20:11	2016.1.01115.S	G10.3-0_a_06_7M	Fragmentation and chemical evolution in high mass star formation	Wang	EU	7-m	6
03:55:54	05:30:14	2016.1.01141.S	IRAS_160_a_06_7M	Formation and Evolutionary Processes of Low-mass YSOs in Lupus	Takahashi	EA	7-m	6
02:47:06	03:53:51	2016.1.01539.S	Lupus3b_a_06_7M	Distribution of dense molecular gas in the active center of Lupus3	Mardones	CL	7-m	6
01:47:14	02:43:34	2016.2.00006.S	AM_1300_a_03_7M	Recovering Extended Structures in Merger Remnants	Ueda	NA	7-m	3
00:48:17	01:46:41	2016.2.00006.S	AM_1158_a_03_7M	Recovering Extended Structures in Merger Remnants	Ueda	NA	7-m	3

**2017-05-17**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
13:25:01	14:26:03	2016.2.00025.S	R_For_a_07_7M	DEATH STAR: DEtermining Accurate mass-loss rates of THERmally pulsing AGB STARS	Ramstedt	EU	7-m	7
13:18:23	14:34:34	2016.1.01287.S	GRH_nort_a_04_TM1	Confirming a massive proto-cluster of submm galaxies at z ~ 6 discovered by ALMA	Oteo	EU	12-m	4
11:40:58	12:55:08	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
11:09:32	13:13:36	2016.1.00907.S	hr_8799_a_07_7M	Planet-disk interactions in the HR 8799 system	Faramaz	CL	7-m	7
10:33:41	11:02:05	2015.1.01548.S	0114-412_a_06_TE	ALMA Imaging of Bright Cluster-Lensed SMGs Discovered by the Herschel Lensing Survey	Egami	NA	12-m	6
10:05:05	10:30:52	2016.1.01036.S	IRAS_181_a_06_TM2	The formation of high-mass binary systems by core/disk fragmentation	Sanhueza	EA	12-m	6
09:51:40	11:07:53	2016.2.00025.S	Y_Pav_a_07_7M	DEATH STAR: DEtermining Accurate mass-loss rates of	Ramstedt	EU	7-m	7

08:41:02	10:00:37	2016.1.00870.S	sgra_sta_a_06_TM1	Thermally pulsing AGB STARS SgrA* Accretion Confirming a possible ALMA detection of Broad H 30alpha Emission	Murchikova	NA	12-m	6
08:25:01	11:18:44	2016.1.01346.S	AGAL028._a_06_TP	Galactic Census of All Massive Starless Cores within 5 kpc	Pillai	EU	Total Power	6
07:42:31	09:45:01	2016.1.00560.S	M17_a_07_7M	Resolving the turbulent ambipolar diffusion scale in molecular clouds with ALMA	Pon	NA	7-m	7
07:05:21	08:38:30	2016.1.01186.S	BHB07-11_a_07_TM1	Resolving disk instabilities and polarization at 10 au scales	Alves	EU	12-m	7
05:56:50	08:22:33	2016.1.01346.S	AGAL343._a_06_TP	Galactic Census of All Massive Starless Cores within 5 kpc	Pillai	EU	Total Power	6
05:05:24	07:05:09	2016.1.01186.S	BHB07-11_a_07_TM1	Resolving disk instabilities and polarization at 10 au scales	Alves	EU	12-m	7
04:23:11	05:54:46	2016.1.01539.S	Lupus3e_a_06_TP	Distribution of dense molecular gas in the active center of Lupus3	Mardones	CL	Total Power	6
04:16:41	06:14:31	2016.1.01346.S	AGAL331._a_06_7M	Galactic Census of All Massive Starless Cores within 5 kpc	Pillai	EU	7-m	6
03:49:48	04:46:13	2016.1.00484.L	AS_205_b_06_TM1	Small-Scale Substructures in Protoplanetary Disks	Andrews	CL EU NA	12-m	6
02:09:29	03:23:43	2016.1.00484.L	GW_Lup_a_06_TM1	Small-Scale Substructures in Protoplanetary Disks	Andrews	CL EU NA	12-m	6
01:22:33	01:57:34	2016.1.00087.S	UR56917_a_07_TM1	N+ in the most luminous SMGs in the Universe at z>4	Chapman	NA	12-m	7
01:13:31	02:52:26	2016.2.00015.S	HD_11561_a_07_7M	Debris Disk Structure Around Nearby Sun-like Stars with the ACA	MacGregor	NA	7-m	7
00:37:44	01:21:50	2016.1.01135.S	ngc4751_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
<b>2017-05-16</b>								
Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:53:43	01:13:19	2016.2.00025.S	RT_Vir_a_07_7M	DEATH STAR: DEtermining Accurate mass-loss rates of Thermally pulsing AGB STARS	Ramstedt	EU	7-m	7
23:47:43	00:34:24	2016.1.00087.S	UR56917_a_06_TM1	N+ in the most luminous SMGs in the Universe at z>4	Chapman	NA	12-m	6
22:48:50	23:18:52	2016.1.00839.S	NGC_4569_a_06_TM2	WISDOM: supermassive black hole mass measurements for nearby spiral galaxies using molecular gas	Onishi	EA	12-m	6
22:29:49	22:45:58	2016.1.00372.S	MACSJ111_a_06_TM1	Complete Census of Bright Lensed Submillimeter Galaxies Discovered by the Herschel Lensing Survey	Egami	NA	12-m	6
22:17:07	23:32:37	2016.2.00025.S	SU_Vel_a_07_7M	DEATH STAR: DEtermining Accurate mass-loss rates of Thermally pulsing AGB STARS	Ramstedt	EU	7-m	7
11:58:36	13:12:53	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
10:59:57	12:14:47	2016.1.00907.S	hr_8799_a_07_7M	Planet-disk interactions in the HR 8799 system	Faramaz	CL	7-m	7
10:50:27	11:40:09	2016.1.00139.S	HELMS_RE_a_07_TM1	The most intrinsically luminous starbursts in the Universe: witnessing the birth of the red sequence	Iverson	EU	12-m	7
08:53:46	10:45:04	2015.1.01018.S	B335_a_07_TE	Magnetic Field Structure around a Protostar with Effective Magnetic Braking	Yen	EA	12-m	7
08:37:16	10:39:30	2016.1.00560.S	M17_a_07_7M	Resolving the turbulent ambipolar diffusion scale in molecular clouds with ALMA	Pon	NA	7-m	7
07:08:43	08:53:33	2015.1.01018.S	B335_a_07_TE	Magnetic Field Structure around a Protostar with Effective Magnetic Braking	Yen	EA	12-m	7
07:03:10	08:47:05	2016.1.01367.S	L1689B_a_07_TP	The onset of collapse in a chemically young pre-stellar core	Bacmann	EU	Total Power	7
06:37:25	08:33:40	2016.1.00190.S	G35.20-0_a_07_7M	Dissecting disks around young B-type stars	Sanchez-Monge	EU	7-m	7
05:09:01	06:46:19	2016.A.00014.S	Titan_a_07_TM1	Completing the Picture of Titan's Time-Variation Atmospheric Chemistry on Cassini's Last Flyby	Cordiner	NA	12-m	7
04:37:24	06:34:43	2016.1.00560.S	M17_a_07_7M	Resolving the turbulent	Pon	NA	7-m	7

04:34:42	07:00:55	2016.1.01346.S	AGAL343_a_06_TP	Galactic Census of All Massive Starless Cores within 5 kpc	Pillai	EU	Total Power	6
04:34:02	04:59:37	2015.1.00113.S	ARP220_c_07_TE	Arp 220 Nuclear Disks at 50 mas Resolution	Scoville	NA	12-m	7
03:22:54	03:56:14	2015.1.00121.S	M83_a_06_TP	Molecular Clouds and Star Formation: Inner Disk of M83	Sakai	EA	Total Power	6
01:55:23	03:03:48	2016.2.00025.S	SS_Vir_a_07_7M	DEATH STAR: DEtermining Accurate mass-loss rates of THERmally pulsing AGB STARS	Ramstedt	EU	7-m	7
00:37:40	01:54:09	2016.2.00025.S	R_Hya_a_07_7M	DEATH STAR: DEtermining Accurate mass-loss rates of THERmally pulsing AGB STARS	Ramstedt	EU	7-m	7
00:12:00	00:51:09	2015.1.00102.S	IRAS_F12_b_07_TE	Warm and Dense Molecular Gas in Local Merging ULIRGs	Iono	EA	12-m	7

### 2017-05-15

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:15:45	00:17:21	2016.2.00025.S	X_Vel_a_06_7M	DEATH STAR: DEtermining Accurate mass-loss rates of THERmally pulsing AGB STARS	Ramstedt	EU	7-m	6
22:56:55	23:26:27	2016.1.00842.S	TW_Hya_a_06_TM2	Revealing the Radial Variation of Grain Growth in the Protoplanetary Disk around TW Hya	Tsukagoshi	EA	12-m	6
21:38:08	22:33:00	2016.2.00025.S	U_Hya_a_06_7M	DEATH STAR: DEtermining Accurate mass-loss rates of THERmally pulsing AGB STARS	Ramstedt	EU	7-m	6
06:21:48	07:31:17	2016.1.01182.S	EC2_G353_a_06_7M	(Proto)Binaries and multiplicity properties in high-mass star-forming clusters	Grellmann	EU	7-m	6
06:11:10	07:57:01	2016.1.01367.S	L1689B_a_07_TP	The onset of collapse in a chemically young pre-stellar core	Bacmann	EU	Total Power	7
05:54:40	06:42:12	2016.1.01553.S	NGC5765b_a_06_TM1	A Critical Comparison of Different Methods to Measure SMBH Masses	Bureau	EU	12-m	6
05:49:04	06:21:34	2016.1.00209.S	V346_Nor_a_06_7M	Multi-scale disk and envelope kinematics around the most extremely accreting young stars	Takami	EA	7-m	6
03:50:24	05:48:43	2016.1.01346.S	AGAL331_a_06_7M	Galactic Census of All Massive Starless Cores within 5 kpc	Pillai	EU	7-m	6

### 2017-05-14

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
22:34:57	23:45:21	2016.2.00025.S	U_Hya_a_07_7M	DEATH STAR: DEtermining Accurate mass-loss rates of THERmally pulsing AGB STARS	Ramstedt	EU	7-m	7
21:55:16	22:49:57	2015.1.00341.S	MMS1_b_06_TP	Revealing Magnetic Field Structures: IM-mass Cores in OMC-3	Takahashi	EA	Total Power	6
21:07:31	21:28:48	2016.1.01481.S	PKS_1045_a_06_TM1	Measuring the Spectral Evolution, Structure, and Speed of Extragalactic Jets with ALMA	Meyer	NA	12-m	6
20:58:31	21:53:15	2015.1.00341.S	MMS1_b_06_TP	Revealing Magnetic Field Structures: IM-mass Cores in OMC-3	Takahashi	EA	Total Power	6
20:55:33	22:22:04	2016.2.00025.S	Y_Hya_a_07_7M	DEATH STAR: DEtermining Accurate mass-loss rates of THERmally pulsing AGB STARS	Ramstedt	EU	7-m	7
19:46:51	20:41:52	2015.1.00341.S	MMS2_b_06_TP	Revealing Magnetic Field Structures: IM-mass Cores in OMC-3	Takahashi	EA	Total Power	6
19:35:42	20:55:06	2016.2.00025.S	V688_Mon_a_07_7M	DEATH STAR: DEtermining Accurate mass-loss rates of THERmally pulsing AGB STARS	Ramstedt	EU	7-m	7
18:41:04	19:35:59	2015.1.00341.S	MMS4_b_06_TP	Revealing Magnetic Field Structures: IM-mass Cores in OMC-3	Takahashi	EA	Total Power	6