

**ALMA Observing Activity from 2016-04-18T17:59:00 to 2016-04-25T18:00:00**  
**QA0 pass executions**

**2016-04-18**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
20:42:23	21:13:31	2015.1.00196.S	LMC2N113_b_03_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	3
21:13:48	21:45:00	2015.1.00196.S	LMC2N113_b_03_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	3

**2016-04-21**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
21:32:16	21:55:47	2015.1.00404.S	NGC_1808_a_07_TC	Gas fueling and outflow around massive black holes	Combes	EU	12-m	7
22:05:32	23:24:11	2015.1.00500.S	S255_IR_a_07_TC	Imaging the Disk and Gas Accretion Around Young Massive Star S255 IR	Liu	NA	12-m	7
23:19:33	00:04:54	2015.1.00357.S	G286_3_a_06_TP	Kinematics of Massive Star Cluster in Tan Formation		NA	Total Power	6
23:57:17	01:22:44	2015.1.01015.S	TWA_7_a_07_TC	Resolving the debris disk and its structure around the young M dwarf TWA 7	Bayo	CL	12-m	7

**2016-04-22**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
01:56:08	03:11:06	2015.1.00428.S	MACS1149_c_07_TE	Detecting FIR [OIII]emission from a galaxy candidate at z~10: a wedge into the pre-reionization era	Inoue	EA	12-m	7
03:09:47	04:11:03	2015.1.00476.S	NGC4945_a_07_TP	Dense Gas Thermometry of Starburst Mangum Galaxies		NA	Total Power	7
03:23:33	04:10:41	2015.1.00650.S	Centauru_a_08_TE	The nature of the massive outflow in Centaurus A	Israel	EU	12-m	8
04:11:45	05:12:46	2015.1.00476.S	NGC4945_a_07_TP	Dense Gas Thermometry of Starburst Mangum Galaxies		NA	Total Power	7
04:11:45	04:53:01	2015.1.00027.S	IRAS_152_a_07_TE	AGN feedback and molecular line flux ratios in dust/gas-rich ultraluminous luminous infrared galaxies	Imanishi	EA	12-m	7
04:53:36	05:31:35	2015.1.00741.S	emb_08_a_07_TC	Revealing Binarity and the Youngest Disks in Oph	Looney	NA	12-m	7
05:13:27	06:14:13	2015.1.00476.S	NGC4945_a_07_TP	Dense Gas Thermometry of Starburst Mangum Galaxies		NA	Total Power	7
05:43:12	07:30:53	2015.1.00449.S	16435-45_a_07_7M	Fragmentation of massive dense clumps: unveiling the initial conditions of high-mass star formation	Fontani	EU	7-m	7
06:14:32	07:04:13	2015.1.01539.S	G343.48_a_06_TP	A survey of prestellar, high-mass cluster-forming clumps: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6
06:30:57	07:41:31	2015.1.01426.S	SDSS_J15_a_06_TC	Beaded Strings of Young Stellar Superclusters between Merging Elliptical Galaxies	Tremblay	NA	12-m	6
07:04:30	07:53:59	2015.1.01539.S	G343.48_a_06_TP	A survey of prestellar, high-mass cluster-forming clumps: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6
07:31:39	08:55:00	2015.1.00449.S	15470-54_a_07_7M	Fragmentation of massive dense clumps: unveiling the initial conditions of high-mass star formation	Fontani	EU	7-m	7
07:44:25	08:36:57	2015.1.00066.S	J1717-33_a_06_TE	Looking into "invisible" ISM: Physics and chemistry of Galactic molecular absorption systems under PDR-like environments	Ando	EA	12-m	6
07:54:35	08:44:30	2015.1.01539.S	G343.48_a_06_TP	A survey of prestellar, high-mass cluster-forming clumps: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6
08:37:17	09:03:26	2015.1.00466.S	NGC6958_b_06_TE	The mm-Wave Interferometric Survey of Dark Object Masses (WISDOM): Increasing the number of supermassive black	Onishi	EA	12-m	6

08:44:48	09:33:31	2015.1.01539.S	G28.23_a_06_TP	hole mass measurements with molecular gas using ALMA A survey of prestellar, high-mass cluster-forming clumps: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6
09:19:23	09:46:16	2015.1.00054.S	OH26.5+0_b_07_TC	Measuring the superwind radius of OH26.5+0.6 : a recent dramatic increase in the mass loss	Justtanont	EU	12-m	7
09:34:10	10:22:49	2015.1.01539.S	G28.23_a_06_TP	A survey of prestellar, high-mass cluster-forming clumps: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6
09:48:54	11:30:41	2015.1.00283.S	Serpens__a_07_TC	Serpens South: Morphology and kinematics of the protostar at the cluster center	Plunkett	NA	12-m	7
22:32:37	23:14:05	2015.1.01042.S	J085358__a_07_TE	Establishing OH+ as a robust outflow tracer for high redshift galaxies	van der Werf	EU	12-m	7
22:44:39	23:29:52	2015.1.00357.S	G286_2_a_06_TP	Kinematics of Massive Star Cluster in Tan Formation		NA	Total Power	6
23:14:46	00:37:36	2015.1.00137.S	z23_a_1_07_TE	Evolution of ISM, Star Formation and Starbursts	Scoville	NA	12-m	7
23:30:11	00:14:58	2015.1.00357.S	G286_2_a_06_TP	Kinematics of Massive Star Cluster in Tan Formation		NA	Total Power	6

### 2016-04-23

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:14:51	01:47:28	2015.1.01339.S	HG2752_a_06_7M	Identifying the transition phase of the clump mass function toward the IMF	Olmi	EU	7-m	6
00:39:08	01:24:17	2015.1.00357.S	G286_2_a_06_TP	Kinematics of Massive Star Cluster in Tan Formation		NA	Total Power	6
01:24:58	02:09:45	2015.1.00357.S	G286_2_a_06_TP	Kinematics of Massive Star Cluster in Tan Formation		NA	Total Power	6
01:45:48	02:35:42	2015.1.00568.S	DSFGS2.0_a_07_TC	Resolved Dust in the Hottest and Coldest SMGs: What does dust temperature really tell us?	Casey	NA	12-m	7
02:11:38	03:12:53	2015.1.00476.S	NGC4945_a_07_TP	Dense Gas Thermometry of Starburst Mangum Galaxies		NA	Total Power	7
03:13:16	04:14:43	2015.1.00476.S	NGC4945_a_07_TP	Dense Gas Thermometry of Starburst Mangum Galaxies		NA	Total Power	7
03:14:31	04:03:49	2015.1.00981.S	PG_1241_a_09_TE	A survey of the [NII]205 um / [CII]ratio at z=1	Brisbin	CL	12-m	9
03:39:31	05:12:10	2015.1.00650.S	Centauru_a_08_7M	The nature of the massive outflow in Centaurus A	Israel	EU	7-m	8
04:30:17	05:31:18	2015.1.00476.S	NGC4945_a_07_TP	Dense Gas Thermometry of Starburst Mangum Galaxies		NA	Total Power	7
05:12:58	06:35:53	2015.1.00449.S	15470-54_a_07_7M	Fragmentation of massive dense clumps: unveiling the initial conditions of high-mass star formation	Fontani	EU	7-m	7
05:32:06	06:33:17	2015.1.00476.S	NGC4945_a_07_TP	Dense Gas Thermometry of Starburst Mangum Galaxies		NA	Total Power	7
05:38:55	06:22:17	2015.1.00075.S	PKS1830-_f_07_TE	Monitoring PKS1830-211: the submm activity of the blazar and the variability of the foreground absorption lines	Muller	EU	12-m	7
06:33:51	07:23:39	2015.1.01539.S	G343.48_a_06_TP	A survey of prestellar, high-mass cluster-forming clumps: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6
06:36:33	08:17:34	2015.1.01080.S	SgrA_sta_a_07_TC	Dust Cores around Sgr A*	Tsuboi	EA	12-m	7
07:24:19	08:14:09	2015.1.01539.S	G343.48_a_06_TP	A survey of prestellar, high-mass cluster-forming clumps: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6
08:14:30	09:04:57	2015.1.01539.S	G332.96_a_06_TP	A survey of prestellar, high-mass cluster-forming clumps: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6
08:17:53	09:57:28	2015.1.01080.S	SgrA_sta_a_07_TC	Dust Cores around Sgr A*	Tsuboi	EA	12-m	7
09:05:19	09:54:06	2015.1.01539.S	G28.23_a_06_TP	A survey of prestellar, high-mass cluster-forming clumps: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6
09:54:50	10:43:26	2015.1.01539.S	G28.23_a_06_TP	A survey of prestellar, high-mass cluster-forming clumps: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6

				cluster-forming clumps: constraining models of high-mass star formation				
09:58:10	10:45:47	2015.1.01003.S	sgra_sta_c_07_TE	Proper Motions of Gas In the Immediate Vicinity of the Galactic Supermassive Black Hole	Ho	NA	12-m	7
10:44:07	11:32:33	2015.1.01539.S	G28.23_a_06_TP	A survey of prestellar, high-mass cluster-forming clumps: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6
10:49:37	11:38:07	2015.1.01471.S	Neptune_a_07_TE	Isotopic ratios in Neptune's atmosphere and the origin of CO and HCN (Resubmission of cycle 1 program)	Moreno	EU	12-m	7
12:03:39	12:48:28	2015.1.01471.S	Neptune_a_07_TE	Isotopic ratios in Neptune's atmosphere and the origin of CO and HCN (Resubmission of cycle 1 program)	Moreno	EU	12-m	7
12:34:25	13:57:26	2015.1.00997.S	SDSS_J23_a_06_7M	Extreme quasar feedback in the early Universe	Maiolino	EU	7-m	6
12:36:26	13:38:18	2015.1.00274.S	NGC253_a_07_TP	A Close Look into the Blast Furnace: the Core of the NGC253 Starburst at One Parsec Resolution	Bolatto	NA	Total Power	7
13:38:38	14:40:46	2015.1.00274.S	NGC253_a_07_TP	A Close Look into the Blast Furnace: the Core of the NGC253 Starburst at One Parsec Resolution	Bolatto	NA	Total Power	7
15:24:55	16:27:15	2015.1.00274.S	NGC253_a_07_TP	A Close Look into the Blast Furnace: the Core of the NGC253 Starburst at One Parsec Resolution	Bolatto	NA	Total Power	7
15:29:24	16:48:08	2015.1.00274.S	NGC253_a_07_TC	A Close Look into the Blast Furnace: the Core of the NGC253 Starburst at One Parsec Resolution	Bolatto	NA	12-m	7
17:34:00	19:01:23	2015.1.01108.S	DG_Tau_B_a_06_TC	A molecular disk wind from DG Tau B ?	Louvet	CL	12-m	6
19:24:02	20:31:44	2015.1.00657.S	mwc480_b_07_TE	A spectral line survey of disks	Oberg	NA	12-m	7
22:11:06	22:28:38	2015.1.01454.S	IRAS_072_a_06_TC	The Structure of Massive Protostellar Cores	Zhang	CL	12-m	6
22:34:06	22:55:18	2015.1.01454.S	AFGL_518_a_06_TC	The Structure of Massive Protostellar Cores	Zhang	CL	12-m	6
22:57:24	23:26:06	2015.1.00192.S	HD_10045_a_06_TC	Hunting for gaps in HEABE disks	van der Plas	CL	12-m	6
23:26:49	00:01:57	2015.1.00192.S	HD_97048_a_06_TC	Hunting for gaps in HEABE disks	van der Plas	CL	12-m	6
23:37:14	00:22:25	2015.1.00357.S	G286_2_a_06_TP	Kinematics of Massive Star Cluster in Formation	Tan	NA	Total Power	6

## 2016-04-24

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:34:10	01:18:53	2015.1.00357.S	G286_2_a_06_TP	Kinematics of Massive Star Cluster in Formation	Tan	NA	Total Power	6
00:34:33	01:36:05	2015.1.00243.S	OTS_44_a_06_TE	First mm-observation of a disk around Joergens a free-floating planet	Joergens	EU	12-m	6
01:19:17	02:04:14	2015.1.00357.S	G286_2_a_06_TP	Kinematics of Massive Star Cluster in Formation	Tan	NA	Total Power	6
01:36:42	02:38:34	2015.1.00243.S	OTS_44_a_06_TE	First mm-observation of a disk around Joergens a free-floating planet	Joergens	EU	12-m	6
02:07:33	02:52:40	2015.1.00357.S	G286_2_a_06_TP	Kinematics of Massive Star Cluster in Formation	Tan	NA	Total Power	6
02:39:17	03:49:04	2015.1.01324.S	CL1411_a_06_TE	Star formation: in and around galaxy clusters	Jablonka	EU	12-m	6
02:53:25	03:38:12	2015.1.00357.S	G286_2_a_06_TP	Kinematics of Massive Star Cluster in Formation	Tan	NA	Total Power	6
03:22:00	04:43:50	2015.1.00925.S	NGC_5068_a_06_7M	Promoting Diversity: ISM Physics and Star Formation across Different Environments	Blanc	CL	7-m	6
03:38:40	04:30:32	2015.1.01539.S	G327.11_a_06_TP	A survey of prestellar, high-mass cluster-forming clumps: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6
03:55:32	04:58:35	2015.1.01324.S	CL1411_a_06_TE	Star formation: in and around galaxy clusters	Jablonka	EU	12-m	6
04:31:20	05:23:58	2015.1.01539.S	G327.11_a_06_TP	A survey of prestellar, high-mass cluster-forming clumps: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6

05:12:48	05:56:28	2015.1.01353.S	Hd_14252_a_03_TC	What is the origin of spiral arms in the Christiaens disk of HD 142527?		CL	12-m	3
05:39:55	06:31:59	2015.1.01539.S	G327.11_a_06_TP	A survey of prestellar, high-mass cluster-forming clumps: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6
05:56:52	06:28:41	2015.1.01454.S	G339.88-_a_06_TC	The Structure of Massive Protostellar Cores	Zhang	CL	12-m	6
06:41:33	07:17:42	2015.1.01539.S	G28.23_a_06_TE	A survey of prestellar, high-mass cluster-forming clumps: constraining models of high-mass star formation	Sanhueza	EA	12-m	6
07:19:58	07:49:35	2015.1.01454.S	G032.03+_a_06_TC	The Structure of Massive Protostellar Cores	Zhang	CL	12-m	6
07:29:45	08:22:32	2015.1.01539.S	G10.99_a_06_TP	A survey of prestellar, high-mass cluster-forming clumps: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6
07:51:22	08:09:41	2015.1.01454.S	G35.2-0_a_06_TC	The Structure of Massive Protostellar Cores	Zhang	CL	12-m	6
08:11:37	08:36:08	2015.1.01454.S	G45.47+0_a_06_TC	The Structure of Massive Protostellar Cores	Zhang	CL	12-m	6
08:32:12	09:06:43	2015.1.01539.S	G10.99_a_06_TP	A survey of prestellar, high-mass cluster-forming clumps: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6
08:36:33	10:01:48	2015.1.00023.S	HD_16329_a_06_TE	Understanding the Disk Wind from HDKlaassen 163296		EU	12-m	6
09:07:20	09:55:37	2015.1.01539.S	G10.99_a_06_TP	A survey of prestellar, high-mass cluster-forming clumps: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6
10:07:12	11:31:28	2015.1.00023.S	HD_16329_a_06_TE	Understanding the Disk Wind from HDKlaassen 163296		EU	12-m	6
10:39:27	11:20:58	2015.1.01539.S	G14.49_a_06_TP	A survey of prestellar, high-mass cluster-forming clumps: constraining models of high-mass star formation	Sanhueza	EA	Total Power	6
12:14:38	12:54:55	2015.1.00196.S	SMC1N42_a_03_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	3
12:44:40	13:07:17	2015.1.00503.S	3C454.3_a_03_TE	Physical properties of CO dark molecular gas from multi-band absorption observations	Bronfman	CL	12-m	3
13:01:18	13:34:26	2015.1.00196.S	SMC2N66_b_03_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	3
15:19:52	16:40:44	2015.1.00258.S	NGC300_b_03_7M	The failure of galactic star formation relations on sub-galactic scales: A direct probe of the physics of star formation	Schruba	EU	7-m	3
16:37:46	16:57:26	2015.1.00503.S	0420-014_a_03_TE	Physical properties of CO dark molecular gas from multi-band absorption observations	Bronfman	CL	12-m	3