

**ALMA Observing Activity from 2016-05-23T17:59:00 to 2016-05-30T18:00:00**  
**QA0 pass executions**

**2016-05-23**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
21:45:21	22:55:46	2015.1.00122.S	CR7_a_06_TE	Gas and dust in the most luminous Lyman-alpha emitter at the epoch of re-ionisation: PopIII?	Sobral	EU	12-m	6
22:56:03	00:06:49	2015.1.00122.S	CR7_a_06_TE	Gas and dust in the most luminous Lyman-alpha emitter at the epoch of re-ionisation: PopIII?	Sobral	EU	12-m	6
23:48:45	00:26:28	2015.1.00121.S	M83_a_06_TP	Molecular Clouds and Star Formation: Sakamoto Inner Disk of M83		EA	Total Power	6

**2016-05-24**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:08:27	01:19:27	2015.1.00122.S	CR7_a_06_TE	Gas and dust in the most luminous Lyman-alpha emitter at the epoch of re-ionisation: PopIII?	Sobral	EU	12-m	6
00:32:11	01:17:03	2015.1.00357.S	G286_a_1_06_TP	Kinematics of Massive Star Cluster in Tan Formation		NA	Total Power	6
01:17:18	02:02:04	2015.1.00357.S	G286_a_1_06_TP	Kinematics of Massive Star Cluster in Tan Formation		NA	Total Power	6
01:27:24	02:10:06	2015.1.01042.S	J114637_a_06_TE	Establishing OH+ as a robust outflow tracer for high redshift galaxies	van der Werf	EU	12-m	6
02:02:23	02:47:25	2015.1.00357.S	G286_4_a_06_TP	Kinematics of Massive Star Cluster in Tan Formation		NA	Total Power	6
02:10:26	03:36:55	2015.1.00820.S	NGC_4396_a_03_TE	Dark Matter in Dwarf Galaxies	Blitz	NA	12-m	3
02:15:38	03:46:25	2015.1.01014.S	SDC338.3_a_03_7M	What can hubs tell us on massive star formation?	Peretto	EU	7-m	3
04:04:59	05:03:42	2015.1.01157.S	MS1512-c_a_04_TE	ALLO: ALMA Lensed Line Observations	Malhotra	NA	12-m	4
06:01:11	06:26:31	2015.1.01512.S	IRS_63_b_06_TE	Has Planet Formation Already Begun in the Class I Protostellar Phase?	Segura-Cox	NA	12-m	6
07:14:52	07:56:03	2015.1.01003.S	sgra_sta_d_07_TE	Proper Motions of Gas In the Immediate Vicinity of the Galactic Suppermassive Black Hole	Ho	NA	12-m	7
08:16:01	10:15:04	2015.1.01273.S	W43-MM1_a_06_TE	Investigating the origin of the IMF and Motte constraining SFR models in the W43-MM1 mini-starburst ridge		EU	12-m	6
08:17:45	09:32:47	2015.1.00223.S	serpens_a_06_7M	Revealing Fragmentation of the Nearest Precluster Clump in Serpens South	Nakamura	EA	7-m	6
08:19:30	08:57:23	2015.1.00956.S	NGC6744_a_06_TP	How Does Cloud-Scale Physics Drive Galaxy Evolution?	Leroy	NA	Total Power	6
09:33:16	10:40:43	2015.1.00665.S	0379_579_a_06_7M	After the Fall: Mapping the Molecular Fuel in Post-Starburst Galaxies	Smith	NA	7-m	6
09:47:32	10:49:45	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
10:27:36	10:49:22	2015.1.00503.S	3C454.3_a_06_TE	Physical properties of CO dark molecular gas from multi-band absorption observations	Bronfman	CL	12-m	6
10:41:06	12:12:28	2015.1.00274.S	NGC253_a_07_7M	A Close Look into the Blast Furnace: the Core of the NGC253 Starburst at One Parsec Resolution	Bolatto	NA	7-m	7
10:50:25	11:52:31	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
10:52:31	11:26:10	2015.1.01486.S	HeLMS-34_a_06_TE	Detailed Physical Properties of the Interstellar Medium of a z=5.2 Dusty Starburst	Riechers	NA	12-m	6
11:52:49	12:24:58	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
15:45:48	16:47:03	2015.1.00530.S	TN_J0121_a_03_7M	An ALMA-MUSE Survey of Extended Radio Galaxy Haloes	De Breuck	EU	7-m	3

**2016-05-25**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
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00:54:31	01:40:24	2015.1.01014.S	SDC326.4_a_03_TP	What can hubs tell us on massive star Peretto formation?		EU	Total Power	3
01:01:55	02:05:07	2015.1.00591.S	NGC_4697_a_03_TE	Molecular Gas Structures in Elliptical Galaxies	Vila Vilaro	EU	12-m	3
01:09:46	02:38:28	2015.1.00306.S	Lupus_3__a_03_7M	The earliest stages of molecular outflow activity from the young protostar Lupus 3 MMS	Plunkett	NA	7-m	3
01:43:02	02:28:17	2015.1.01014.S	SDC326.4_a_03_TP	What can hubs tell us on massive star Peretto formation?		EU	Total Power	3
02:07:05	02:41:11	2015.1.00591.S	NGC4742_a_03_TE	Molecular Gas Structures in Elliptical Galaxies	Vila Vilaro	EU	12-m	3
02:28:40	03:13:49	2015.1.01014.S	SDC326.4_a_03_TP	What can hubs tell us on massive star Peretto formation?		EU	Total Power	3
02:39:10	04:07:45	2015.1.00306.S	Lupus_3__a_03_7M	The earliest stages of molecular outflow activity from the young protostar Lupus 3 MMS	Plunkett	NA	7-m	3
03:14:12	04:29:59	2015.1.00306.S	Lupus_3__a_03_TP	The earliest stages of molecular outflow activity from the young protostar Lupus 3 MMS	Plunkett	NA	Total Power	3
03:17:28	03:40:27	2015.1.00856.S	J1723-65_a_03_TE	Searching for Molecular Gas in High-Velocity Clouds	Murray	NA	12-m	3
03:40:49	04:54:28	2015.1.00230.S	NGC6334-_c_03_TE	Mass accretion flows in high-mass star formation	Liu	EA	12-m	3
04:08:39	05:32:19	2015.1.00306.S	Lupus_3__a_03_7M	The earliest stages of molecular outflow activity from the young protostar Lupus 3 MMS	Plunkett	NA	7-m	3
04:30:16	05:47:20	2015.1.00306.S	Lupus_3__a_03_TP	The earliest stages of molecular outflow activity from the young protostar Lupus 3 MMS	Plunkett	NA	Total Power	3
05:23:40	05:41:52	2015.1.00856.S	J1743-03_a_03_TE	Searching for Molecular Gas in High-Velocity Clouds	Murray	NA	12-m	3
05:32:35	06:58:10	2015.1.00306.S	Lupus_3__a_03_7M	The earliest stages of molecular outflow activity from the young protostar Lupus 3 MMS	Plunkett	NA	7-m	3
05:47:36	07:02:18	2015.1.00306.S	Lupus_3__a_03_TP	The earliest stages of molecular outflow activity from the young protostar Lupus 3 MMS	Plunkett	NA	Total Power	3
06:18:50	07:26:23	2015.1.00994.S	PN_Th3-1_a_03_TE	Weighing the Galactic Bulge Planetary Nebulae	Guzman-Ramirez	EU	12-m	3
08:18:04	09:32:30	2015.1.00223.S	serpens__a_06_7M	Revealing Fragmentation of the Nearest Precluster Clump in Serpens South	Nakamura	EA	7-m	6
08:28:01	09:06:47	2015.1.00601.S	mosaic1_a_03_TP	G351.77--0.51: ridge formation caught in the act	Leurini	EU	Total Power	3
11:12:01	12:23:47	2015.1.00665.S	0379_579_a_06_7M	After the Fall: Mapping the Molecular Fuel in Post-Starburst Galaxies	Smith	NA	7-m	6

## 2016-05-26

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:43:01	01:32:43	2015.1.00483.S	Centauru_b_03_TE	The nature of the Centaurus A circumnuclear disk	Israel	EU	12-m	3
01:49:44	02:52:00	2015.1.00978.S	NGC_4321_a_03_TE	Revealing the Cause of "Starburst"-like Conversion Factors in Nearby Galaxy Centers	Sandstrom	NA	12-m	3
03:58:35	05:02:43	2015.1.00591.S	NGC_4697_a_03_TE	Molecular Gas Structures in Elliptical Galaxies	Vila Vilaro	EU	12-m	3
04:46:55	06:07:01	2015.1.01363.S	MC23_a_03_7M	Large scale infall or local collapse forms massive clusters?	Csengeri	EU	7-m	3
04:47:35	06:02:41	2015.1.00306.S	Lupus_3__a_03_TP	The earliest stages of molecular outflow activity from the young protostar Lupus 3 MMS	Plunkett	NA	Total Power	3
05:13:25	05:31:44	2015.1.01433.S	2FGL_J14_a_03_TE	Exploring the unidentified gamma-ray sources in the Galactic plane with ALMA	Mueller	EU	12-m	3
05:42:24	06:53:07	2015.1.00230.S	NGC6334-_c_03_TE	Mass accretion flows in high-mass star formation	Liu	EA	12-m	3
06:48:18	08:19:11	2015.1.01363.S	MC23_a_03_7M	Large scale infall or local collapse forms massive clusters?	Csengeri	EU	7-m	3
06:53:26	08:07:15	2015.1.00230.S	NGC6334-_a_03_TE	Mass accretion flows in high-mass star formation	Liu	EA	12-m	3
08:02:42	08:38:51	2015.1.00601.S	mosaic2_a_03_TP	G351.77--0.51: ridge formation caught in the act	Leurini	EU	Total Power	3
08:07:32	09:21:31	2015.1.00230.S	NGC6334-_a_03_TE	Mass accretion flows in high-mass star formation	Liu	EA	12-m	3
08:42:59	10:14:37	2015.1.01363.S	MC23_a_03_7M	Large scale infall or local collapse forms massive clusters?	Csengeri	EU	7-m	3

09:22:17	10:32:44	2015.1.01584.S	M17SW_a_03_TE	A statistical study of molecular clumps in the triggered star-forming region M17SW		EA	12-m	3
10:31:34	11:41:54	2015.1.00897.S	MRC0114-_a_03_7M	Cold gas halos at z~2: evolution of massive galaxies within a molecular IGM	Emonts	EU	7-m	3
11:07:55	12:19:27	2015.1.00307.S	HD_10647_a_06_TE	Debris Disk Structure around Nearby Sun-like Stars	Wilner	NA	12-m	6
11:47:12	13:21:03	2015.1.00897.S	MRC0156-_a_03_7M	Cold gas halos at z~2: evolution of massive galaxies within a molecular IGM	Emonts	EU	7-m	3
12:25:27	12:59:34	2015.1.00591.S	NGC_1052_a_03_TE	Molecular Gas Structures in Elliptical Galaxies	Vila Vilaro	EU	12-m	3

### 2016-05-27

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
04:33:51	05:53:25	2015.1.01363.S	MC23_a_03_7M	Large scale infall or local collapse forms massive clusters?	Csengeri	EU	7-m	3
04:34:12	04:54:54	2015.1.00856.S	J1512-09_a_03_TE	Searching for Molecular Gas in High-Velocity Clouds	Murray	NA	12-m	3
04:55:34	05:56:14	2015.1.01592.S	EDJ2009__a_06_TE	Unveiling the nature of an extremely low-luminosity, red YSO detected in the ACA imaging of rho Oph-C: forming phase of very low-mass brown dwarf at the planetary border?	Hara	EA	12-m	6
05:19:15	06:07:56	2015.1.01014.S	SDC340.9_a_03_TP	What can hubs tell us on massive star formation?	Peretto	EU	Total Power	3
06:08:13	06:56:18	2015.1.01014.S	SDC340.9_a_03_TP	What can hubs tell us on massive star formation?	Peretto	EU	Total Power	3
06:10:44	07:08:19	2015.1.00223.S	serpens__a_06_7M	Revealing Fragmentation of the Nearest Precluster Clump in Serpens South	Nakamura	EA	7-m	6
06:13:27	07:28:34	2015.1.00994.S	PN_Th3-1_a_03_TE	Weighing the Galactic Bulge Planetary Nebulae	Guzman-Ramirez	EU	12-m	3
06:56:51	07:44:49	2015.1.01014.S	SDC340.9_a_03_TP	What can hubs tell us on massive star formation?	Peretto	EU	Total Power	3
07:24:47	08:41:00	2015.1.00601.S	mosaic2_a_03_7M	G351.77--0.51: ridge formation caught in the act	Leurini	EU	7-m	3
07:45:10	08:21:03	2015.1.00601.S	mosaic2_a_03_TP	G351.77--0.51: ridge formation caught in the act	Leurini	EU	Total Power	3
07:49:51	08:56:37	2015.1.00028.S	IRAS_205_a_03_TE	The role of infrared radiative pumping for molecular gas emission in AGNs	Imanishi	EA	12-m	3
08:22:46	08:58:56	2015.1.00601.S	mosaic2_a_03_TP	G351.77--0.51: ridge formation caught in the act	Leurini	EU	Total Power	3
09:45:49	10:11:51	2015.1.01433.S	2FGL_J18_b_03_TE	Exploring the unidentified gamma-ray sources in the Galactic plane with ALMA	Mueller	EU	12-m	3
10:12:16	10:35:29	2015.1.00752.S	HELAISS0_a_03_TE	ALMA Unveils the Hierarchical Formation of Massive Galaxies	Bussmann	NA	12-m	3
11:11:55	12:04:43	2015.1.00989.S	ngc_524_a_03_TE	Does Cold Gas Fuel Almost All AGNs?	Hodges-Kluck	NA	12-m	3
11:23:37	12:56:07	2015.1.00897.S	MRC0156-_a_03_7M	Cold gas halos at z~2: evolution of massive galaxies within a molecular IGM	Emonts	EU	7-m	3
11:26:08	12:06:29	2015.1.00196.S	SMC0N69_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
12:07:41	13:04:27	2015.1.01222.S	SXDF-ALM_d_03_TE	Investigating the nature of a new dust obscured star forming galaxy which can only be understood via deep ALMA spectroscopy	Yamaguchi	EA	12-m	3
12:14:39	12:54:55	2015.1.00196.S	SMC0N69_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
22:06:01	22:33:39	2015.1.00144.S	Mystery__a_03_TE	Identifying the Host and Physics of an Darling Unknown Extragalactic Emission Line		NA	12-m	3
22:40:53	23:08:29	2015.1.00144.S	Mystery__b_03_TE	Identifying the Host and Physics of an Darling Unknown Extragalactic Emission Line		NA	12-m	3
23:09:35	23:38:10	2015.1.01433.S	2FGL_J11_a_03_TE	Exploring the unidentified gamma-ray sources in the Galactic plane with ALMA	Mueller	EU	12-m	3

23:56:18	01:01:20	2015.1.00253.S	2QZ-SPIR_a_03_TE	Search for the 12CO(4-3) and 12CO(3-2) lines of dusty star-forming galaxies at z=2.23 protocluster	Kato	EA	12-m	3
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**2016-05-28**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:34:58	01:01:07	2015.1.01014.S	SDC326.4_a_03_TP	What can hubs tell us on massive star formation?	Peretto	EU	Total Power	3
15:24:36	16:09:17	2015.1.01222.S	SXDF-ALM_d_03_TE	Investigating the nature of a new dust obscured star forming galaxy which can only be understood via deep ALMA spectroscopy	Yamaguchi	EA	12-m	3
15:57:01	16:38:17	2015.1.00196.S	LMC2N113_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
16:01:12	17:12:50	2015.1.00094.S	OrionBN-_a_03_7M	Surveying the Seeds of Star Formation: Starless Cores in Orion B North	Dunham	NA	7-m	3
16:40:08	17:21:15	2015.1.00196.S	LMC2N113_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
16:41:55	17:44:19	2015.1.00591.S	NGC_1399_a_03_TE	Molecular Gas Structures in Elliptical Galaxies	Vila Vilaro	EU	12-m	3
17:13:11	18:31:09	2015.1.01025.S	TUKH122_a_03_7M	Investigating the dyncamics of a thermal starless core in the Orion A cloud.	Ohashi	EA	7-m	3
17:21:59	18:10:43	2015.1.01025.S	TUKH122_a_03_TP	Investigating the dyncamics of a thermal starless core in the Orion A cloud.	Ohashi	EA	Total Power	3
18:03:40	18:21:53	2015.1.00144.S	Mystery__e_03_TE	Identifying the Host and Physics of an Unknown Extragalactic Emission Line		NA	12-m	3
18:13:02	19:00:31	2015.1.01025.S	TUKH122_a_03_TP	Investigating the dyncamics of a thermal starless core in the Orion A cloud.	Ohashi	EA	Total Power	3
18:23:02	18:41:07	2015.1.00144.S	Mystery__c_03_TE	Identifying the Host and Physics of an Unknown Extragalactic Emission Line		NA	12-m	3
18:33:02	19:50:40	2015.1.01025.S	TUKH122_a_03_7M	Investigating the dyncamics of a thermal starless core in the Orion A cloud.	Ohashi	EA	7-m	3
18:44:59	19:03:04	2015.1.00144.S	Mystery__d_03_TE	Identifying the Host and Physics of an Unknown Extragalactic Emission Line		NA	12-m	3
19:01:56	19:49:07	2015.1.01025.S	TUKH122_a_03_TP	Investigating the dyncamics of a thermal starless core in the Orion A cloud.	Ohashi	EA	Total Power	3
19:03:50	20:20:28	2015.1.00253.S	2QZ-SPIR_a_03_TE	Search for the 12CO(4-3) and 12CO(3-2) lines of dusty star-forming galaxies at z=2.23 protocluster	Kato	EA	12-m	3
19:50:33	20:38:01	2015.1.01025.S	TUKH122_a_03_TP	Investigating the dyncamics of a thermal starless core in the Orion A cloud.	Ohashi	EA	Total Power	3
20:21:18	21:30:55	2015.1.00412.S	NGC_3256_b_03_TE	Chemistry in the Brightest Luminous-Infrared Merger	Harada	EA	12-m	3
23:14:10	00:25:05	2015.1.00412.S	NGC_3256_a_03_TE	Chemistry in the Brightest Luminous-Infrared Merger	Harada	EA	12-m	3

**2016-05-29**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:09:49	00:55:37	2015.1.01014.S	SDC326.4_a_03_TP	What can hubs tell us on massive star formation?	Peretto	EU	Total Power	3
00:31:46	01:00:11	2015.1.01433.S	2FGL_J12_a_03_TE	Exploring the unidentified gamma-ray sources in the Galactic plane with ALMA	Mueller	EU	12-m	3
16:10:38	16:58:27	2015.1.01025.S	TUKH122_a_03_TP	Investigating the dyncamics of a thermal starless core in the Orion A cloud.	Ohashi	EA	Total Power	3
16:10:45	17:11:40	2015.1.00094.S	OrionBN-_a_03_7M	Surveying the Seeds of Star Formation: Starless Cores in Orion B North	Dunham	NA	7-m	3
16:59:12	17:47:17	2015.1.01025.S	TUKH122_a_03_TP	Investigating the dyncamics of a thermal starless core in the Orion A cloud.	Ohashi	EA	Total Power	3

17:12:28

18:13:26

2015.1.00094.S

OrionBN-\_a\_03\_7M

Surveying the Seeds of Star  
Formation: Starless Cores in Orion B  
North

Dunham

NA

7-m

3