

ALMA Observing Activity from 2016-06-27T17:59:00 to 2016-07-04T18:00:00
QA0 pass executions

2016-07-03

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|------------|----------|----------------|------------------|--|---------|-----------|-------|------|
| 00:57:41 | 02:04:28 | 2015.1.01014.S | SDC326.4_a_03_7M | What can hubs tell us on massive star formation? | Peretto | EU | 7-m | 3 |

2016-07-02

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|------------|----------|----------------|-------------------|---|-------------|-----------|-------|------|
| 21:09:15 | 21:35:45 | 2015.1.00960.S | Circinus_b_03_TE | SiO megamasers in AGN accretion disks | Pesce | NA | 12-m | 3 |
| 20:39:52 | 21:02:11 | 2015.1.00960.S | NGC_4388_b_03_TE | SiO megamasers in AGN accretion disks | Pesce | NA | 12-m | 3 |
| 19:24:06 | 20:47:45 | 2015.1.00908.S | Thackeray_a_03_7M | Thackeray's Globules | Reipurth | NA | 7-m | 3 |
| 17:48:06 | 19:00:12 | 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 |
| 17:47:12 | 18:52:24 | 2015.1.00356.S | H01_a_03_TE | Dense Molecular Gas in Post-Starburst Galaxies: A New Laboratory for What Stops Star Formation | French | NA | 12-m | 3 |
| 16:42:17 | 17:42:40 | 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 |
| 10:28:42 | 10:48:01 | 2015.1.00697.S | sn_1987a_c_03_TE | Peering into the ejecta of SN1987A: chemistry, clumpiness and nucleosynthesis | Cherchneff | EU | 12-m | 3 |
| 08:49:37 | 09:57:42 | 2015.1.00116.S | NGC7172_a_06_TE | ALMA study of extremely buried active galactic nuclei identified by the Swift/BAT all sky surveys | Kohnno | EA | 12-m | 6 |
| 08:43:54 | 10:05:27 | 2015.1.00196.S | SMC0N69_a_03_7M | Zooming in on the parsec-scale structure of CO gas at low metallicity and its relation to star formation | Roman-Duval | NA | 7-m | 3 |
| 08:27:18 | 08:49:14 | 2015.1.00820.S | NGC_853_a_03_TE | Dark Matter in Dwarf Galaxies | Blitz | NA | 12-m | 3 |
| 07:13:46 | 08:43:00 | 2015.1.00959.S | G028.539_a_06_7M | A Systematic ALMA Survey of the Most Massive Starless Clumps within 5kpc | Shirley | NA | 7-m | 6 |
| 05:54:15 | 07:13:06 | 2015.1.01273.S | W43-MM1_a_06_7M | Investigating the origin of the IMF and Motte constraining SFR models in the W43-MM1 mini-starburst ridge | | EU | 7-m | 6 |
| 04:29:03 | 05:53:54 | 2015.1.00959.S | G028.539_a_06_7M | A Systematic ALMA Survey of the Most Massive Starless Clumps within 5kpc | Shirley | NA | 7-m | 6 |
| 04:11:22 | 05:36:43 | 2015.1.00964.S | HD143006_a_06_TC | The astrochemical evolution from disk formation to disk dissipation | Oberg | NA | 12-m | 6 |

2016-07-01

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|------------|----------|----------------|------------------|---|---------|-----------|-------|------|
| 11:19:59 | 12:19:39 | 2015.1.00392.S | IRAS_041_b_06_TE | Completing the disk census in Taurus | Akeson | NA | 12-m | 6 |
| 10:52:35 | 12:03:47 | 2015.1.01013.S | MagBridg_a_06_7M | Physical Properties and Submillimeter Excess in low metallicity clouds in the Magellanic Bridge | Rubio | CL | 7-m | 6 |
| 10:06:16 | 11:15:37 | 2015.1.00782.S | NGC_1313_b_06_TE | ALMA-LEGUS: The Impact of Spiral Arm Structure on Molecular Cloud Properties and Star Cluster Formation | Johnson | NA | 12-m | 6 |
| 09:40:23 | 10:51:01 | 2015.1.01013.S | MagBridg_a_06_7M | Physical Properties and Submillimeter Excess in low metallicity clouds in the Magellanic Bridge | Rubio | CL | 7-m | 6 |
| 08:44:56 | 10:05:54 | 2015.1.00782.S | NGC_1313_a_06_TE | ALMA-LEGUS: The Impact of Spiral Arm Structure on Molecular Cloud Properties and Star Cluster Formation | Johnson | NA | 12-m | 6 |
| 07:47:28 | 08:44:16 | 2015.1.01054.S | GRB08122_a_07_TE | Shedding Light on Distant Starburst Galaxies Hosting Dust-Obscured gamma-ray Bursts | Wang | EA | 12-m | 7 |
| 07:05:27 | 08:33:42 | 2015.1.00959.S | G028.539_a_06_7M | A Systematic ALMA Survey of the Most Massive Starless Clumps within 5kpc | Shirley | NA | 7-m | 6 |
| 05:41:06 | 07:05:08 | 2015.1.00959.S | G028.539_a_06_7M | A Systematic ALMA Survey of the Most Massive Starless Clumps within 5kpc | Shirley | NA | 7-m | 6 |

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|----------|----------|----------------|------------------|--|----------|----|------|---|
| 05:05:09 | 05:44:50 | 2015.1.00075.S | PKS1830-_m_07_TE | Monitoring PKS1830-211: the submm Muller activity of the blazar and the variability of the foreground absorption lines | | EU | 12-m | 7 |
| 04:17:05 | 05:40:46 | 2015.1.00959.S | G028.539_a_06_7M | A Systematic ALMA Survey of the Most Massive Starless Clumps within 5kpc | Shirley | NA | 7-m | 6 |
| 04:01:24 | 04:54:21 | 2015.1.01558.T | GRB_b_07_TE | Particle Acceleration in GRB Afterglows | Schulze | CL | 12-m | 7 |
| 02:25:09 | 03:19:09 | 2015.1.00971.S | NGC_5813_a_06_TE | Mapping the Molecular Gas in NGC 5813 | Randall | NA | 12-m | 6 |
| 01:01:42 | 02:23:13 | 2015.1.00997.S | ULAS_J13_a_06_7M | Extreme quasar feedback in the early Universe | Maiolino | EU | 7-m | 6 |
| 00:48:02 | 02:12:54 | 2015.1.00168.S | GSS_31_b_07_TE | Volatiles in protoplanetary disks - Tracers of thermochemistry, and transport? | Blake | NA | 12-m | 7 |

2016-06-30

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|------------|----------|----------------|------------------|--|---------------|-----------|-------|------|
| 23:39:44 | 01:01:19 | 2015.1.00997.S | ULAS_J13_a_06_7M | Extreme quasar feedback in the early Universe | Maiolino | EU | 7-m | 6 |
| 23:14:23 | 00:46:33 | 2015.1.01043.S | GRB_Host_a_07_TE | Exploring the star formation activity and kinematics of a GRB host at z=4.6 | Herrera-Camus | NA | 12-m | 7 |
| 22:23:09 | 23:13:36 | 2015.1.01054.S | GRB11112_a_07_TE | Shedding Light on Distant Starburst Galaxies Hosting Dust-Obscured gamma-ray Bursts | Wang | EA | 12-m | 7 |
| 22:21:54 | 23:38:57 | 2015.1.00997.S | ULAS_J13_a_06_7M | Extreme quasar feedback in the early Universe | Maiolino | EU | 7-m | 6 |
| 21:41:01 | 22:22:32 | 2015.1.01054.S | GRB12062_a_07_TE | Shedding Light on Distant Starburst Galaxies Hosting Dust-Obscured gamma-ray Bursts | Wang | EA | 12-m | 7 |
| 20:56:17 | 22:21:16 | 2015.1.00656.S | Western__a_06_7M | Testing Basic PDR Physics in Carina's Western Wall | Hartigan | NA | 7-m | 6 |
| 20:23:03 | 21:12:52 | 2015.1.01042.S | J090302._a_07_TE | Establishing OH+ as a robust outflow tracer for high redshift galaxies | van der Werf | EU | 12-m | 7 |
| 19:50:41 | 20:22:11 | 2015.1.01455.S | SDP17b_b_07_TE | The origin of H2O emission and molecular outflows in IR-luminous galaxies | van der Werf | EU | 12-m | 7 |
| 19:35:57 | 20:56:01 | 2015.1.00656.S | Western__a_06_7M | Testing Basic PDR Physics in Carina's Western Wall | Hartigan | NA | 7-m | 6 |
| 18:09:21 | 19:34:10 | 2015.1.00656.S | Western__a_06_7M | Testing Basic PDR Physics in Carina's Western Wall | Hartigan | NA | 7-m | 6 |
| 18:08:49 | 18:37:37 | 2015.1.00846.S | IC_2520_a_06_TE | The end and the beginning of episodic AGN triggering in IC 2520 | Farrah | NA | 12-m | 6 |
| 16:50:11 | 18:06:56 | 2015.1.01068.S | HH46_IRS_a_06_TE | Outflow Entrainment in the Vicinity of the HH46/47 Protostar | Zhang | CL | 12-m | 6 |
| 15:51:25 | 16:56:28 | 2015.1.00341.S | MMS1_a_06_7M | Revealing Magnetic Field Structures: IM-mass Cores in OMC-3 | Takahashi | EA | 7-m | 6 |
| 14:06:19 | 15:36:56 | 2015.1.01082.S | Orion_Ba_a_07_7M | ALMA imaging of the Orion Bar: Density structures and chemical stratification in PDRs | Goicoechea | EU | 7-m | 7 |
| 12:49:21 | 13:30:10 | 2015.1.00612.S | Spectral_a_08_TE | Observations of the [Cii]Emission Line in Hot, Dust-Obscured Galaxies | Assef | CL | 12-m | 8 |
| 11:01:10 | 12:22:46 | 2015.1.01580.S | SPT0346-_b_07_TE | The Fine Structure of an Extreme, Lensed Starburst Galaxy at z=5.7 | Marrone | NA | 12-m | 7 |
| 10:48:07 | 11:57:10 | 2015.1.00665.S | 0413_238_a_06_7M | After the Fall: Mapping the Molecular Fuel in Post-Starburst Galaxies | Smith | NA | 7-m | 6 |
| 10:08:46 | 11:00:25 | 2015.1.01054.S | GRB07080_a_07_TE | Shedding Light on Distant Starburst Galaxies Hosting Dust-Obscured gamma-ray Bursts | Wang | EA | 12-m | 7 |
| 08:31:58 | 10:08:09 | 2015.1.00384.S | N83C_a_08_TE | Detailed molecular gas distribution of an active star forming region within a low-metallicity environment: Cl observations of N83 in the Small Magellanic Cloud(SMC) | Onishi | EA | 12-m | 8 |
| 07:19:27 | 08:21:34 | 2015.1.00927.S | GRB07102_a_07_TE | Luminous, Dust-Enshrouded High-z Galaxies Selected by Gamma-Ray Bursts | Perley | NA | 12-m | 7 |
| 05:52:34 | 07:10:19 | 2015.1.00183.S | IRDC_C_a_06_TE | The Pre-Stellar Core Mass Function with Deuterium Chemistry in an Infrared Dark Cloud | Kong | NA | 12-m | 6 |

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|----------|----------|----------------|------------------|---|----------|----|------|---|
| 04:47:04 | 06:10:32 | 2015.1.00959.S | G028.539_a_06_7M | A Systematic ALMA Survey of the Most Massive Starless Clumps within 5kpc | Shirley | NA | 7-m | 6 |
| 04:34:09 | 05:51:52 | 2015.1.00183.S | IRDC_C_a_06_TE | The Pre-Stellar Core Mass Function with Deuterium Chemistry in an Infrared Dark Cloud | Kong | NA | 12-m | 6 |
| 03:36:46 | 04:30:46 | 2015.1.00971.S | NGC_5813_a_06_TE | Mapping the Molecular Gas in NGC 5813 | Randall | NA | 12-m | 6 |
| 03:08:02 | 04:34:00 | 2015.1.01520.S | eso137-0_a_06_7M | Star formation and gas mixing in a multi-phase tail of the nearest jellyfish galaxy | Jachym | EU | 7-m | 6 |
| 02:11:23 | 03:18:00 | 2015.A.00019.S | PS1cgx_a_03_TE | ALMA observations of a possible counterpart to the high-energy neutrino event IceCube 160427A | Williams | NA | 12-m | 3 |
| 01:12:14 | 02:18:54 | 2015.1.01014.S | SDC326.4_a_03_7M | What can hubs tell us on massive star formation? | Peretto | EU | 7-m | 3 |
| 01:06:00 | 02:10:55 | 2015.A.00019.S | PS1cgx_a_03_TE | ALMA observations of a possible counterpart to the high-energy neutrino event IceCube 160427A | Williams | NA | 12-m | 3 |

2016-06-29

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|------------|----------|----------------|------------------|--|-------------|-----------|-------|------|
| 10:47:54 | 12:13:04 | 2015.1.00196.S | SMC0N69_a_03_7M | Zooming in on the parsec-scale structure of CO gas at low metallicity and its relation to star formation | Roman-Duval | NA | 7-m | 3 |
| 10:46:04 | 11:08:18 | 2015.1.00960.S | NGC_1386_b_03_TE | SiO megamasers in AGN accretion disks | Pesce | NA | 12-m | 3 |
| 10:13:29 | 10:44:51 | 2015.1.00960.S | NGC_1194_b_03_TE | SiO megamasers in AGN accretion disks | Pesce | NA | 12-m | 3 |
| 09:21:45 | 10:47:37 | 2015.1.00196.S | SMC0N69_a_03_7M | Zooming in on the parsec-scale structure of CO gas at low metallicity and its relation to star formation | Roman-Duval | NA | 7-m | 3 |
| 08:01:41 | 09:21:10 | 2015.1.00196.S | SMC0N69_a_03_7M | Zooming in on the parsec-scale structure of CO gas at low metallicity and its relation to star formation | Roman-Duval | NA | 7-m | 3 |
| 06:55:47 | 07:20:29 | 2015.1.01558.T | GRB_b_03_TE | Particle Acceleration in GRB Afterglows | Schulze | CL | 12-m | 3 |
| 02:35:38 | 04:02:20 | 2015.1.01404.S | NGC6334_a_03_7M | Probing the velocity structure of the NGC 6334 filament | André | EU | 7-m | 3 |
| 01:13:24 | 02:35:07 | 2015.1.01404.S | NGC6334_a_03_7M | Probing the velocity structure of the NGC 6334 filament | André | EU | 7-m | 3 |
| 00:12:43 | 00:57:42 | 2015.1.00804.S | NGC_5257_a_06_7M | The Galaxy Merger Process: Molecular Gas Properties at the Beginning and the End | Sliwa | NA | 7-m | 6 |

2016-06-28

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|------------|----------|----------------|------------------|---|----------|-----------|-------|------|
| 23:11:27 | 00:12:24 | 2015.1.00804.S | NGC_5257_a_06_7M | The Galaxy Merger Process: Molecular Gas Properties at the Beginning and the End | Sliwa | NA | 7-m | 6 |
| 21:33:56 | 22:46:16 | 2015.1.00908.S | Thakeray_a_03_7M | Thackeray's Globules | Reipurth | NA | 7-m | 3 |
| 19:53:11 | 21:17:01 | 2015.1.00908.S | Thakeray_a_03_7M | Thackeray's Globules | Reipurth | NA | 7-m | 3 |
| 19:15:20 | 20:44:28 | 2015.1.00057.S | RN88_a_03_TE | Rosette Globulettes | Haikala | EU | 12-m | 3 |
| 18:13:21 | 19:38:38 | 2015.1.00656.S | Western_a_06_7M | Testing Basic PDR Physics in Carina's Western Wall | Hartigan | NA | 7-m | 6 |
| 15:53:39 | 17:10:10 | 2015.1.00057.S | RN88_a_03_TE | Rosette Globulettes | Haikala | EU | 12-m | 3 |
| 15:02:34 | 15:51:55 | 2015.1.01287.S | 2MASS_J0_b_03_TE | Particle growth in disks across the substellar limit | Patience | NA | 12-m | 3 |
| 13:53:01 | 14:42:42 | 2015.1.01287.S | 2MASS_J0_b_03_TE | Particle growth in disks across the substellar limit | Patience | NA | 12-m | 3 |
| 11:21:33 | 12:32:07 | 2015.1.00665.S | 0413_238_a_06_7M | After the Fall: Mapping the Molecular Fuel in Post-Starburst Galaxies | Smith | NA | 7-m | 6 |
| 10:50:44 | 12:04:45 | 2015.1.00782.S | NGC_1313_a_06_TE | ALMA-LEGUS: The Impact of Spiral Arm Structure on Molecular Cloud Properties and Star Cluster Formation | Johnson | NA | 12-m | 6 |
| 10:08:23 | 11:21:12 | 2015.1.01013.S | MagBridg_a_06_7M | Physical Properties and Submillimeter Excess in low metallicity clouds in the Magellanic Bridge | Rubio | CL | 7-m | 6 |
| 09:32:13 | 10:50:05 | 2015.1.00782.S | NGC_1313_a_06_TE | ALMA-LEGUS: The Impact of Spiral Arm Structure on Molecular | Johnson | NA | 12-m | 6 |

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|-------------------|-----------------|---------------------|-------------------|---|---------------|------------------|--------------|-------------|
| 08:53:39 | 10:06:56 | 2015.1.00956.S | NGC6744_a_06_7M | Cloud Properties and Star Cluster Formation How Does Cloud-Scale Physics Drive Leroy Galaxy Evolution? | NA | 7-m | 6 | |
| 08:23:03 | 09:31:33 | 2015.1.00530.S | TN_J0121_a_03_TE | An ALMA-MUSE Survey of Extended De Breuck Radio Galaxy Haloes | EU | 12-m | 3 | |
| 07:23:34 | 08:52:57 | 2015.1.00959.S | G028.539_a_06_7M | A Systematic ALMA Survey of the Most Massive Starless Clumps within 5kpc | Shirley NA | 7-m | 6 | |
| 06:53:17 | 08:14:11 | 2015.1.00183.S | IRDC_C_a_06_TE | The Pre-Stellar Core Mass Function with Deuterium Chemistry in an Infrared Dark Cloud | Kong NA | 12-m | 6 | |
| 05:52:36 | 07:22:51 | 2015.1.00959.S | G028.539_a_06_7M | A Systematic ALMA Survey of the Most Massive Starless Clumps within 5kpc | Shirley NA | 7-m | 6 | |
| 05:23:28 | 06:51:09 | 2015.1.00183.S | IRDC_C_a_06_TE | The Pre-Stellar Core Mass Function with Deuterium Chemistry in an Infrared Dark Cloud | Kong NA | 12-m | 6 | |
| 04:24:44 | 05:52:14 | 2015.1.01520.S | eso137-0_a_06_7M | Star formation and gas mixing in a multi-phase tail of the nearest jellyfish galaxy | Jachym EU | 7-m | 6 | |
| 03:53:31 | 05:22:42 | 2015.1.00168.S | GSS_31_a_07_TE | Volatiles in protoplanetary disks - Tracers of thermochemistry, and transport? | Blake NA | 12-m | 7 | |
| 02:57:42 | 04:24:11 | 2015.1.01520.S | eso137-0_a_06_7M | Star formation and gas mixing in a multi-phase tail of the nearest jellyfish galaxy | Jachym EU | 7-m | 6 | |
| 02:40:41 | 03:53:12 | 2015.1.00168.S | AS_205_b_07_TE | Volatiles in protoplanetary disks - Tracers of thermochemistry, and transport? | Blake NA | 12-m | 7 | |
| 01:35:24 | 02:57:03 | 2015.1.01520.S | eso137-0_a_06_7M | Star formation and gas mixing in a multi-phase tail of the nearest jellyfish galaxy | Jachym EU | 7-m | 6 | |
| 01:14:37 | 02:40:10 | 2015.1.00168.S | AS_205_a_07_TE | Volatiles in protoplanetary disks - Tracers of thermochemistry, and transport? | Blake NA | 12-m | 7 | |
| 00:14:23 | 01:13:58 | 2015.1.00927.S | GRB06081_a_07_TE | Luminous, Dust-Enshrouded High-z Galaxies Selected by Gamma-Ray Bursts | Perley NA | 12-m | 7 | |
| 00:13:24 | 01:34:48 | 2015.1.01520.S | eso137-0_a_06_7M | Star formation and gas mixing in a multi-phase tail of the nearest jellyfish galaxy | Jachym EU | 7-m | 6 | |
| 2016-06-27 | | | | | | | | |
| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
| 23:04:38 | 23:54:07 | 2015.1.00927.S | GRB08020_a_07_TE | Luminous, Dust-Enshrouded High-z Galaxies Selected by Gamma-Ray Bursts | Perley NA | 12-m | 7 | |
| 22:49:09 | 00:10:28 | 2015.1.00357.S | G286_a_1_06_7M | Kinematics of Massive Star Cluster in Tan Formation | Tan NA | 7-m | 6 | |
| 22:16:56 | 22:39:16 | 2015.1.00960.S | Mrk_1419_b_03_TE | SiO megamasers in AGN accretion disks | Pesce NA | 12-m | 3 | |