# ALMA Observing Activity from 2015-10-27T17:59:00 to 2015-11-03T18:00:00
# QA0 pass executions

## 2015-11-03

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 15:02:31 | 16:02:01 | 2015.1.00030.S | M87_a_03_TE | Resolving the molecular gas within 100 pc of M87's supermassive black hole | Vlahakis | EU | 12-m | 3 |
| 13:37:30 | 15:01:59 | 2015.1.00030.S | M87_a_03_TE | Resolving the molecular gas within 100 pc of M87's supermassive black hole | Vlahakis | EU | 12-m | 3 |

## 2015-11-02

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 09:41:29 | 10:59:01 | 2015.1.00714.S | NGC_3256_a_06_7M | Stirring the Pot: Giant Molecular Clouds in the Local Galaxy Merger NGC 3256 | Sliwa | NA | 7-m | 6 |
| 08:24:57 | 10:19:55 | 2015.1.00631.S | sn1987a_b_06_TE | SN1987A: high resolution shock, dust, molecular, and nuclear physics | Indebetouw | NA | 12-m | 6 |
| 08:18:52 | 09:39:13 | 2015.1.01388.S | N113_a_06_7M | Tracing the Initial Conditions for Massive Star Formation in the Prominent H II Region N 113 in the Low-Metallicity LMC | Sewilo | NA | 7-m | 6 |
| 06:57:30 | 08:17:51 | 2015.1.01388.S | N113_a_06_7M | Tracing the Initial Conditions for Massive Star Formation in the Prominent H II Region N 113 in the Low-Metallicity LMC | Sewilo | NA | 7-m | 6 |
| 06:35:09 | 08:22:24 | 2015.1.00631.S | sn1987a_b_06_TE | SN1987A: high resolution shock, dust, molecular, and nuclear physics | Indebetouw | NA | 12-m | 6 |
| 05:31:12 | 06:57:10 | 2015.1.01388.S | N113_a_06_7M | Tracing the Initial Conditions for Massive Star Formation in the Prominent H II Region N 113 in the Low-Metallicity LMC | Sewilo | NA | 7-m | 6 |
| 05:16:52 | 06:15:19 | 2015.1.01558.T | GRB_a_07_TE | Particle Acceleration in GRB Afterglows | Schulze | CL | 12-m | 7 |
| 04:03:26 | 05:29:33 | 2015.1.01388.S | N113_a_06_7M | Tracing the Initial Conditions for Massive Star Formation in the Prominent H II Region N 113 in the Low-Metallicity LMC | Sewilo | NA | 7-m | 6 |
| 03:00:22 | 04:56:11 | 2015.1.00631.S | sn1987a_c_06_TE | SN1987A: high resolution shock, dust, molecular, and nuclear physics | Indebetouw | NA | 12-m | 6 |
| 00:39:19 | 02:20:09 | 2015.1.01384.S | Ceres_b_06_TE | Probing Subsurface Water Ice Reservoirs on Ceres | Li | NA | 12-m | 6 |

## 2015-11-01

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 22:45:51 | 00:29:14 | 2015.1.01384.S | Ceres_b_06_TE | Probing Subsurface Water Ice Reservoirs on Ceres | Li | NA | 12-m | 6 |
| 20:40:00 | 22:01:47 | 2015.1.00502.S | WISE_J18_a_06_TE | Spatially resolving the circumstellar envelope of WISE J180956.27-330500.2, an object recently experienced an extreme mass ejection | Yamamura | EA | 12-m | 6 |
| 18:49:34 | 20:26:38 | 2015.1.01512.S | IRS_63_a_06_TE | Has Planet Formation Already Begun in the Class I Protostellar Phase? | Segura-Cox | NA | 12-m | 6 |
| 14:37:10 | 15:47:35 | 2015.1.00804.S | NGC_5257_a_03_7M | The Galaxy Merger Process: Molecular Gas Properties at the Beginning and the End | Sliwa | NA | 7-m | 3 |
| 12:28:37 | 13:18:05 | 2015.1.00773.S | GQ_Lup_B_a_06_TE | An ALMA Search for Disks around Planetary Mass Companions | Wu | NA | 12-m | 6 |
| 09:50:10 | 11:18:21 | 2015.1.00415.S | SDP9_a_06_TE | Direct Mass Measurements of Supermassive Black Holes in Distant Gravitational Lens Galaxies | Wong | EA | 12-m | 6 |
| 07:38:11 | 09:38:31 | 2015.1.00631.S | sn1987a_a_06_TE | SN1987A: high resolution shock, dust, molecular, and nuclear physics | Indebetouw | NA | 12-m | 6 |
| 05:36:05 | 07:09:51 | 2015.1.01268.S | DGTau_a_06_TE | ALMA long baseline observations of DGTau | Higuchi | EA | 12-m | 6 |
| 02:53:19 | 04:33:12 | 2015.1.01290.S | NGC_1052_a_07_TE | Mass accretion in the central pc-scale of NGC 1052 | Kameno | EA | 12-m | 7 |
| 00:28:56 | 02:10:00 | 2015.1.01384.S | Ceres_a_06_TE | Probing Subsurface Water Ice | Li | NA | 12-m | 6 |

Reservoirs on Ceres

## 2015-10-31

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 22:45:59 | 00:28:29 | 2015.1.01384.S | Ceres_a_06_TE | Probing Subsurface Water Ice Reservoirs on Ceres | Li | NA | 12-m | 6 |
| 20:03:19 | 21:33:15 | 2015.1.01227.S | SMMJ2135_a_03_TE | Imaging the ISM on 50pc scales in a lensed z=2.3 starburst galaxy | Thomson | EU | 12-m | 3 |
| 18:35:05 | 19:51:46 | 2015.1.00761.S | CRBR12_a_03_TE | Disk Masses and Dust Grain Growth in Class I Protostars in Ophiuchus | Sheehan | NA | 12-m | 3 |
| 17:30:30 | 18:23:23 | 2015.1.01602.S | J163909+_a_03_TE | Where are the missing stars? - Quasar hosts with extreme stellar mass deficit at z ~ 3 and the co-evolution picture | Schramm | EA | 12-m | 3 |
| 16:04:04 | 16:54:31 | 2015.1.01602.S | J152941+_a_03_TE | Where are the missing stars? - Quasar hosts with extreme stellar mass deficit at z ~ 3 and the co-evolution picture | Schramm | EA | 12-m | 3 |
| 14:14:05 | 14:33:42 | 2015.1.01352.S | M87_a_04_TE | Origin of the Relativistic Jet Power | Doi | EA | 12-m | 4 |
| 13:26:31 | 13:48:47 | 2015.1.01352.S | M87_a_06_TE | Origin of the Relativistic Jet Power | Doi | EA | 12-m | 6 |
| 12:02:12 | 13:07:38 | 2015.1.00078.S | HD101584_a_06_TE | The jet-launching mechansim in HD101584 | Olofsson | EU | 12-m | 6 |
| 09:10:25 | 10:24:43 | 2015.1.01602.S | J074815+_a_03_TE | Where are the missing stars? - Quasar hosts with extreme stellar mass deficit at z ~ 3 and the co-evolution picture | Schramm | EA | 12-m | 3 |
| 07:11:44 | 08:45:40 | 2015.1.01268.S | DGTau_a_06_TE | ALMA long baseline observations of DGTau | Higuchi | EA | 12-m | 6 |
| 05:38:36 | 07:10:42 | 2015.1.01268.S | DGTau_a_06_TE | ALMA long baseline observations of DGTau | Higuchi | EA | 12-m | 6 |
| 04:29:49 | 05:37:59 | 2015.1.01268.S | DGTau_a_06_TE | ALMA long baseline observations of DGTau | Higuchi | EA | 12-m | 6 |
| 03:21:17 | 04:27:39 | 2015.1.00597.S | NGC404_a_06_TE | Weighing Low Mass Black Holes in the Nearest AGN | Seth | NA | 12-m | 6 |
| 02:02:34 | 03:12:36 | 2015.1.00597.S | NGC404_a_06_TE | Weighing Low Mass Black Holes in the Nearest AGN | Seth | NA | 12-m | 6 |
| 00:53:21 | 01:53:17 | 2015.1.01602.S | J220743+_a_03_TE | Where are the missing stars? - Quasar hosts with extreme stellar mass deficit at z ~ 3 and the co-evolution picture | Schramm | EA | 12-m | 3 |

## 2015-10-30

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 22:36:16 | 00:33:30 | 2015.1.01596.S | w51e2_a_06_TE | Disks around O-type stars: the W51 complex | Goddi | EU | 12-m | 6 |
| 21:09:22 | 22:30:02 | 2015.1.01596.S | w51e2_a_06_TE | Disks around O-type stars: the W51 complex | Goddi | EU | 12-m | 6 |
| 07:42:56 | 09:13:46 | 2015.1.01268.S | DGTau_a_06_TE | ALMA long baseline observations of DGTau | Higuchi | EA | 12-m | 6 |
| 06:04:34 | 07:23:30 | 2015.1.01415.S | TMC1A_a_06_TE | Outflow launching scales in a Class I protostar | van der Wiel | EU | 12-m | 6 |

## 2015-10-29

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 23:11:38 | 00:24:23 | 2015.1.00418.S | G14.114-_a_03_7M | Probing Accretion Flows from Filaments to Massive Star-Forming Cores | Chen | EA | 7-m | 3 |
| 15:26:11 | 16:41:44 | 2015.1.00702.S | Arp_220_a_03_TE | The Structure of the Arp 220 Disks from the Optically Thinnest Part of the Spectrum | Barcos-Munoz | NA | 12-m | 3 |
| 13:25:19 | 14:52:37 | 2015.1.00979.S | TCha_a_03_TE | Imaging the wind that clears protoplanetary disks | Pascucci | NA | 12-m | 3 |
| 11:27:56 | 13:01:10 | 2015.1.00979.S | TCha_a_03_TE | Imaging the wind that clears protoplanetary disks | Pascucci | NA | 12-m | 3 |
| 06:49:48 | 08:57:49 | 2015.1.00341.S | MMS6_a_06_TE | Revealing Magnetic Field Structures: IM-mass Cores in OMC-3 | Takahashi | EA | 12-m | 6 |
| 05:08:13 | 06:45:16 | 2015.1.00341.S | MMS6_a_06_TE | Revealing Magnetic Field Structures: IM-mass Cores in OMC-3 | Takahashi | EA | 12-m | 6 |
| 02:36:45 | 03:19:02 | 2015.1.00418.S | 3c454.3_a_03_TP | Probing Accretion Flows from | Chen | EA | 7-m | 3 |

Filaments to Massive Star-Forming Cores

## 2015-10-28

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 11:01:05 | 12:06:54 | 2015.1.00078.S | HD101584_a_06_TE | The jet-launching mechansim in HD101584 | Olofsson | EU | 12-m | 6 |
| 02:00:12 | 02:43:02 | 2015.1.00418.S | 3c454.3_a_03_TP | Probing Accretion Flows from Filaments to Massive Star-Forming Cores | Chen | EA | Total Power | 3 |