

**ALMA Observing Activity from 2016-09-12T17:59:00 to 2016-09-19T18:00:00**  
**QA0 pass executions**

**2016-09-19**

| Start (UT) | End (UT) | Project Code   | SchedBlock       | Project Title   | PI    | Executive | Array       | Band |
|------------|----------|----------------|------------------|---|-------|-----------|-------------|------|
| 10:28:26   | 11:44:50 | 2015.1.00040.S | ALESS_73_a_03_TE | Using [C]to determine the distribution De Breuck and heating mechanism of H2 in a z=4.8 star-forming disk |       | EU        | 12-m        | 3    |
| 09:42:55   | 10:26:45 | 2015.1.00925.S | NGC_1566_b_06_TP | Promoting Diversity: ISM Physics and Blanc Star Formation across Different Environments                   |       | CL        | Total Power | 6    |
| 09:30:32   | 10:25:35 | 2015.1.00341.S | MMS1_b_06_TE     | Revealing Magnetic Field Structures: Takahashi IM-mass Cores in OMC-3                                     |       | EA        | 12-m        | 6    |
| 08:07:27   | 09:17:30 | 2015.1.00098.S | HUDF-JVL_e_06_TE | ALMA deep survey on GOODS-S-JVLA field  | Kohno | EA        | 12-m        | 6    |
| 07:03:42   | 07:50:49 | 2015.1.00582.S | PMN_J013_b_03_TE | Redshifted Molecular absorption from Wiklind the z=0.765 spiral lens towards PMN0134-0931                 |       | NA        | 12-m        | 3    |
| 05:45:48   | 07:02:16 | 2015.1.00040.S | ALESS_73_a_03_TE | Using [C]to determine the distribution De Breuck and heating mechanism of H2 in a z=4.8 star-forming disk |       | EU        | 12-m        | 3    |
| 04:42:42   | 05:45:00 | 2015.1.01254.S | XRF_0209_a_03_TE | Unification of Gamma-Ray Burst: Host Galaxy of the First Off-Axis X-ray Flash 020903                      | Urata | EA        | 12-m        | 3    |

**2016-09-18**

| Start (UT) | End (UT) | Project Code   | SchedBlock       | Project Title  | PI      | Executive | Array       | Band |
|------------|----------|----------------|------------------|--|---------|-----------|-------------|------|
| 13:33:42   | 14:44:17 | 2015.1.00977.S | Antennae_a_06_TE | Understanding the Formation of Globular Clusters   | Johnson | NA        | 12-m        | 6    |
| 12:18:14   | 13:19:33 | 2015.1.00341.S | MMS1_b_06_TE     | Revealing Magnetic Field Structures: Takahashi IM-mass Cores in OMC-3                                    |         | EA        | 12-m        | 6    |
| 12:00:10   | 12:48:27 | 2015.1.00925.S | NGC_1566_b_06_TP | Promoting Diversity: ISM Physics and Blanc Star Formation across Different Environments                  |         | CL        | Total Power | 6    |
| 11:05:16   | 11:49:04 | 2015.1.00925.S | NGC_1566_b_06_TP | Promoting Diversity: ISM Physics and Blanc Star Formation across Different Environments                  |         | CL        | Total Power | 6    |
| 10:21:00   | 11:04:48 | 2015.1.00925.S | NGC_1566_b_06_TP | Promoting Diversity: ISM Physics and Blanc Star Formation across Different Environments                  |         | CL        | Total Power | 6    |
| 09:59:04   | 11:26:42 | 2015.1.00341.S | MMS3_a_06_TE     | Revealing Magnetic Field Structures: Takahashi IM-mass Cores in OMC-3                                    |         | EA        | 12-m        | 6    |
| 09:36:26   | 10:20:15 | 2015.1.00925.S | NGC_1566_b_06_TP | Promoting Diversity: ISM Physics and Blanc Star Formation across Different Environments                  |         | CL        | Total Power | 6    |
| 08:52:34   | 09:35:57 | 2015.1.00925.S | NGC_1433_b_06_TP | Promoting Diversity: ISM Physics and Blanc Star Formation across Different Environments                  |         | CL        | Total Power | 6    |
| 08:15:20   | 09:58:19 | 2015.1.00341.S | MMS3_a_06_TE     | Revealing Magnetic Field Structures: Takahashi IM-mass Cores in OMC-3                                    |         | EA        | 12-m        | 6    |
| 08:08:35   | 08:52:11 | 2015.1.00925.S | NGC_1433_b_06_TP | Promoting Diversity: ISM Physics and Blanc Star Formation across Different Environments                  |         | CL        | Total Power | 6    |
| 07:03:17   | 08:13:37 | 2015.1.00098.S | HUDF-JVL_e_06_TE | ALMA deep survey on GOODS-S-JVLA field   | Kohno   | EA        | 12-m        | 6    |
| 05:50:05   | 07:02:09 | 2015.1.00098.S | HUDF-JVL_j_06_TE | ALMA deep survey on GOODS-S-JVLA field   | Kohno   | EA        | 12-m        | 6    |
| 04:27:50   | 05:49:29 | 2015.1.00098.S | HUDF-JVL_j_06_TE | ALMA deep survey on GOODS-S-JVLA field   | Kohno   | EA        | 12-m        | 6    |
| 04:03:28   | 04:26:59 | 2015.1.00932.S | QSO_B020_a_03_TE | Measuring the Spectral Evolution, Structure, and Speed of Extragalactic Jets with ALMA                   | Meyer   | NA        | 12-m        | 3    |
| 02:47:20   | 03:51:45 | 2015.1.00152.S | 4C23.56_a_04_TE  | Tracing the massive galaxy evolution in z = 2.5 protocluster with dense molecular tracer and atomic line | Lee     | EA        | 12-m        | 4    |

**2016-09-17**

| Start (UT) | End (UT) | Project Code   | SchedBlock       | Project Title   | PI          | Executive | Array | Band |
|------------|----------|----------------|------------------|---|-------------|-----------|-------|------|
| 23:50:15   | 01:17:37 | 2015.1.00859.S | Sgr_A_st_a_06_TE | Polarization and Flaring Studies of Sgr A* and the Magnetar 1745-29 | Yusef-Zadeh | NA        | 12-m  | 6    |

|          |          |                |                  |   |            |    |      |   |
|----------|----------|----------------|------------------|---|------------|----|------|---|
| 23:08:52 | 23:28:30 | 2015.1.01548.S | 35646_a_06_TE    | ALMA Imaging of Bright Cluster-Lensed SMGs Discovered by the Herschel Lensing Survey      | Egami      | NA | 12-m | 6 |
| 22:39:23 | 23:05:03 | 2015.1.00186.S | L328_a_06_TE     | Protostellar Multiplicity in Isolation  | Dunham     | NA | 12-m | 6 |
| 22:17:01 | 22:38:41 | 2015.1.00186.S | BHR160_a_06_TE   | Protostellar Multiplicity in Isolation  | Dunham     | NA | 12-m | 6 |
| 22:09:39 | 23:24:41 | 2015.1.00182.S | Vega_a_06_7M     | The Vega debris disk: narrow ring or broad belt?  | Dent       | EU | 7-m  | 6 |
| 21:54:36 | 22:16:38 | 2015.1.00186.S | CB68_a_06_TE     | Protostellar Multiplicity in Isolation  | Dunham     | NA | 12-m | 6 |
| 20:49:46 | 21:43:06 | 2015.1.01301.S | sz91_a_06_TE     | Gas Dissipation through Disk Evolution in Transitional Disk Systems with Large Cavities   | Hashimoto  | EA | 12-m | 6 |
| 19:53:22 | 20:49:02 | 2015.1.01301.S | sz84_a_06_TE     | Gas Dissipation through Disk Evolution in Transitional Disk Systems with Large Cavities   | Hashimoto  | EA | 12-m | 6 |
| 18:38:07 | 18:57:12 | 2015.1.01548.S | MACSJ131_a_06_TE | ALMA Imaging of Bright Cluster-Lensed SMGs Discovered by the Herschel Lensing Survey      | Egami      | NA | 12-m | 6 |
| 17:32:09 | 18:10:11 | 2015.1.01090.S | 3c298_a_06_TE    | Unique high resolution & multi-wavelength study of a z=1.4 quasar host galaxy             | Vayner     | NA | 12-m | 6 |
| 15:17:33 | 16:19:35 | 2015.1.00977.S | Antennae_a_06_TE | Understanding the Formation of Globular Clusters  | Johnson    | NA | 12-m | 6 |
| 13:54:04 | 15:05:06 | 2015.1.00977.S | Antennae_a_06_TE | Understanding the Formation of Globular Clusters  | Johnson    | NA | 12-m | 6 |
| 13:11:10 | 13:31:33 | 2015.1.01454.S | IRAS_072_a_06_TE | The Structure of Massive Protostellar Cores   | Zhang      | CL | 12-m | 6 |
| 12:18:27 | 12:50:11 | 2015.1.01454.S | AFGL_518_a_06_TE | The Structure of Massive Protostellar Cores   | Zhang      | CL | 12-m | 6 |
| 10:35:50 | 11:44:32 | 2015.1.00631.S | sn1987a_a_08_TE  | SN1987A: high resolution shock, dust, molecular, and nuclear physics                      | Indebetouw | NA | 12-m | 8 |
| 09:23:46 | 10:34:48 | 2015.1.00631.S | sn1987a_a_08_TE  | SN1987A: high resolution shock, dust, molecular, and nuclear physics                      | Indebetouw | NA | 12-m | 8 |
| 07:41:33 | 08:59:41 | 2015.1.00397.S | IRAS0344_a_07_TE | Structure of Protostellar Disks from the Hot Sub-AU Region to the Cold Hundreds-AU Region | Lee        | EA | 12-m | 7 |
| 06:44:49 | 07:41:14 | 2015.1.00907.S | nugg1487_a_07_TE | Smoking gun confirmation of dusty nuggets as progenitors of the red nuggets at z~2        | Barro      | NA | 12-m | 7 |
| 05:46:57 | 06:44:26 | 2015.1.00907.S | nugg1487_a_07_TE | Smoking gun confirmation of dusty nuggets as progenitors of the red nuggets at z~2        | Barro      | NA | 12-m | 7 |
| 04:17:09 | 05:04:41 | 2015.1.00582.S | PMN_J013_b_03_TE | Redshifted Molecular absorption from the z=0.765 spiral lens towards PMN0134-0931         | Wiklind    | NA | 12-m | 3 |
| 03:07:38 | 04:15:57 | 2015.1.00584.S | SDSS_J23_a_03_TE | First detection of high speed molecular gas in a quasar at the EoR                        | Feruglio   | EU | 12-m | 3 |
| 02:48:34 | 03:06:41 | 2015.1.00932.S | PKS_2101_a_03_TE | Measuring the Spectral Evolution, Structure, and Speed of Extragalactic Jets with ALMA    | Meyer      | NA | 12-m | 3 |
| 01:42:16 | 02:47:16 | 2015.1.01067.S | Parsamia_a_06_TE | Disks Around Outbursting Young Stars  | Dunham     | NA | 12-m | 6 |
| 00:48:34 | 01:41:46 | 2015.1.01301.S | hd169142_a_06_TE | Gas Dissipation through Disk Evolution in Transitional Disk Systems with Large Cavities   | Hashimoto  | EA | 12-m | 6 |
| 00:12:55 | 00:46:23 | 2015.1.01535.S | M17-UC1_a_07_TE  | Revealing a new population of UC-HII regions with maser RRLs                              | Baez Rubio | EU | 12-m | 7 |

## 2016-09-16

| Start (UT) | End (UT) | Project Code   | SchedBlock       | Project Title   | PI      | Executive | Array       | Band |
|------------|----------|----------------|------------------|---|---------|-----------|-------------|------|
| 23:16:32   | 23:55:03 | 2015.1.00601.S | mosaic1_a_03_TP  | G351.77--0.51: ridge formation caught in the act          | Leurini | EU        | Total Power | 3    |
| 23:15:18   | 00:25:07 | 2015.1.00182.S | Vega_a_06_7M     | The Vega debris disk: narrow ring or broad belt?          | Dent    | EU        | 7-m         | 6    |
| 22:34:51   | 23:39:34 | 2015.1.00773.S | 1RXS_160_a_06_TE | An ALMA Search for Disks around Planetary Mass Companions | Wu      | NA        | 12-m        | 6    |
| 21:59:18   | 23:14:38 | 2015.1.00182.S | Vega_a_06_7M     | The Vega debris disk: narrow ring or broad belt?          | Dent    | EU        | 7-m         | 6    |
| 21:53:56   | 22:32:46 | 2015.1.00601.S | mosaic1_a_03_TP  | G351.77--0.51: ridge formation caught in the act          | Leurini | EU        | Total Power | 3    |
| 21:15:04   | 22:33:01 | 2015.1.01448.S | NGC6240_b_06_TE  | High Resolution Observations of the Dense Gas in NGC 6240 | Tunnard | EU        | 12-m        | 6    |
| 21:14:47   | 21:53:42 | 2015.1.00601.S | mosaic1_a_03_TP  | G351.77--0.51: ridge formation                            | Leurini | EU        | Total Power | 3    |

|          |          |                |                  |   |                |             |   |
|----------|----------|----------------|------------------|---|----------------|-------------|---|
| 20:34:56 | 21:14:10 | 2015.1.00601.S | mosaic1_a_03_TP  | caught in the act<br>G351.77--0.51: ridge formation caught<br>Leurini in the act  | EU             | Total Power | 3 |
| 11:12:40 | 11:56:08 | 2015.1.00925.S | NGC_1433_b_06_TP | Promoting Diversity: ISM Physics and Blanc<br>Star Formation across Different<br>Environments                                     | CL             | Total Power | 6 |
| 11:09:48 | 12:10:29 | 2015.1.00631.S | sn1987a_b_08_TE  | SN1987A: high resolution shock, dust,Indebetouw<br>molecular, and nuclear physics   | NA             | 12-m        | 8 |
| 10:28:52 | 11:11:58 | 2015.1.00925.S | NGC_1433_b_06_TP | Promoting Diversity: ISM Physics and Blanc<br>Star Formation across Different<br>Environments                                     | CL             | Total Power | 6 |
| 10:09:24 | 11:09:34 | 2015.1.00631.S | sn1987a_b_08_TE  | SN1987A: high resolution shock, dust,Indebetouw<br>molecular, and nuclear physics   | NA             | 12-m        | 8 |
| 09:44:48 | 10:28:14 | 2015.1.00925.S | NGC_1433_b_06_TP | Promoting Diversity: ISM Physics and Blanc<br>Star Formation across Different<br>Environments                                     | CL             | Total Power | 6 |
| 09:01:01 | 09:44:12 | 2015.1.00925.S | NGC_1433_b_06_TP | Promoting Diversity: ISM Physics and Blanc<br>Star Formation across Different<br>Environments                                     | CL             | Total Power | 6 |
| 08:52:58 | 09:51:16 | 2015.1.00907.S | nugg2621_a_07_TE | Smoking gun confirmation of dusty<br>nuggets as progenitors of the red<br>nuggets at z~2  | Barro<br>NA    | 12-m        | 7 |
| 08:17:32 | 09:00:45 | 2015.1.00925.S | NGC_1433_b_06_TP | Promoting Diversity: ISM Physics and Blanc<br>Star Formation across Different<br>Environments                                     | CL             | Total Power | 6 |
| 07:41:12 | 08:52:18 | 2015.1.00397.S | IRAS0423_a_07_TE | Structure of Protostellar Disks from<br>the Hot Sub-AU Region to the Cold<br>Hundreds-AU Region                                   | Lee<br>EA      | 12-m        | 7 |
| 07:33:36 | 08:16:50 | 2015.1.00925.S | NGC_1433_b_06_TP | Promoting Diversity: ISM Physics and Blanc<br>Star Formation across Different<br>Environments                                     | CL             | Total Power | 6 |
| 06:49:20 | 07:32:57 | 2015.1.00925.S | NGC_1433_b_06_TP | Promoting Diversity: ISM Physics and Blanc<br>Star Formation across Different<br>Environments                                     | CL             | Total Power | 6 |
| 06:48:12 | 08:14:37 | 2015.1.00258.S | NGC300_a_03_7M   | The failure of galactic star formation<br>relations on sub-galactic scales: A<br>direct probe of the physics of star<br>formation | Schruba<br>EU  | 7-m         | 3 |
| 06:42:42 | 07:40:54 | 2015.1.00907.S | nugg2621_a_07_TE | Smoking gun confirmation of dusty<br>nuggets as progenitors of the red<br>nuggets at z~2  | Barro<br>NA    | 12-m        | 7 |
| 06:07:25 | 06:31:06 | 2015.1.00932.S | 4C_28.07_a_06_TE | Measuring the Spectral Evolution,<br>Structure, and Speed of Extragalactic<br>Jets with ALMA                                      | Meyer<br>NA    | 12-m        | 6 |
| 06:05:11 | 06:48:56 | 2015.1.00925.S | NGC_1385_a_06_TP | Promoting Diversity: ISM Physics and Blanc<br>Star Formation across Different<br>Environments                                     | CL             | Total Power | 6 |
| 05:43:12 | 06:02:30 | 2015.1.01548.S | A3088_a_06_TE    | ALMA Imaging of Bright Cluster-<br>Lensed SMGs Discovered by the<br>Herschel Lensing Survey                                       | Egami<br>NA    | 12-m        | 6 |
| 05:21:50 | 06:03:14 | 2015.1.00656.S | Uranus_a_08_TP   | Testing Basic PDR Physics in<br>Carina's Western Wall   | Hartigan<br>NA | Total Power | 8 |
| 05:21:13 | 06:47:56 | 2015.1.00258.S | NGC300_a_03_7M   | The failure of galactic star formation<br>relations on sub-galactic scales: A<br>direct probe of the physics of star<br>formation | Schruba<br>EU  | 7-m         | 3 |
| 04:22:07 | 05:29:11 | 2015.1.00584.S | SDSS_J23_a_03_TE | First detection of high speed<br>molecular gas in a quasar at the EoR   | Feruglio<br>EU | 12-m        | 3 |
| 03:49:09 | 05:15:41 | 2015.1.00258.S | NGC300_a_03_7M   | The failure of galactic star formation<br>relations on sub-galactic scales: A<br>direct probe of the physics of star<br>formation | Schruba<br>EU  | 7-m         | 3 |
| 03:12:50 | 04:21:07 | 2015.1.00584.S | SDSS_J23_a_03_TE | First detection of high speed<br>molecular gas in a quasar at the EoR   | Feruglio<br>EU | 12-m        | 3 |
| 02:27:31 | 03:10:46 | 2015.1.01270.S | CRL2688_a_06_TE  | From Hydrocarbons to Dust in<br>Protoplanetary Nebulae  | Joblin<br>EU   | 12-m        | 6 |
| 02:15:23 | 03:48:23 | 2015.1.00897.S | MRC2048-_a_03_7M | Cold gas halos at z~2: evolution of<br>massive galaxies within a molecular<br>IGM   | Emonts<br>EU   | 7-m         | 3 |
| 00:50:50 | 02:13:36 | 2015.1.00897.S | MRC2048-_a_03_7M | Cold gas halos at z~2: evolution of<br>massive galaxies within a molecular<br>IGM   | Emonts<br>EU   | 7-m         | 3 |
| 00:39:17 | 02:08:58 | 2015.1.01259.S | HD163296_a_07_TE | Detecting H2O Snowline of a<br>Protoplanetary Disk  | Notsu<br>EA    | 12-m        | 7 |

2016-09-15

| Start (UT) | End (UT) | Project Code   | SchedBlock       | Project Title  | PI         | Executive | Array       | Band |
|------------|----------|----------------|------------------|--|------------|-----------|-------------|------|
| 23:29:16   | 00:26:43 | 2015.1.00615.S | G023.01-_a_06_TE | Revealing the disk rotation curve around an O-type YSO   | Sanna      | EU        | 12-m        | 6    |
| 23:09:24   | 00:25:11 | 2015.1.00182.S | Vega_a_06_7M     | The Vega debris disk: narrow ring or broad belt?   | Dent       | EU        | 7-m         | 6    |
| 22:28:04   | 23:00:58 | 2015.1.01454.S | G339.88-_a_06_TE | The Structure of Massive Protostellar Cores  | Zhang      | CL        | 12-m        | 6    |
| 21:58:59   | 23:08:47 | 2015.1.00601.S | mosaic2_a_03_7M  | G351.77--0.51: ridge formation caught in the act   | Leurini    | EU        | 7-m         | 3    |
| 21:12:11   | 22:16:18 | 2015.1.01120.S | 3C326N_a_03_TE   | The role of cosmic rays regulating star formation in AGN   | Guillard   | EU        | 12-m        | 3    |
| 20:47:22   | 21:25:59 | 2015.1.00601.S | mosaic1_a_03_TP  | G351.77--0.51: ridge formation caught in the act   | Leurini    | EU        | Total Power | 3    |
| 20:29:23   | 21:45:16 | 2015.1.00601.S | mosaic2_a_03_7M  | G351.77--0.51: ridge formation caught in the act   | Leurini    | EU        | 7-m         | 3    |
| 20:08:16   | 20:47:06 | 2015.1.00601.S | mosaic1_a_03_TP  | G351.77--0.51: ridge formation caught in the act   | Leurini    | EU        | Total Power | 3    |
| 19:56:46   | 21:01:12 | 2015.1.01120.S | 3C326N_a_03_TE   | The role of cosmic rays regulating star formation in AGN   | Guillard   | EU        | 12-m        | 3    |
| 19:30:18   | 19:51:03 | 2015.1.00932.S | 7C_1428+_a_03_TE | Measuring the Spectral Evolution, Structure, and Speed of Extragalactic Jets with ALMA   | Meyer      | NA        | 12-m        | 3    |
| 19:13:22   | 20:29:05 | 2015.1.00601.S | mosaic2_a_03_7M  | G351.77--0.51: ridge formation caught in the act   | Leurini    | EU        | 7-m         | 3    |
| 19:05:23   | 19:44:56 | 2015.1.00956.S | NGC_4254_a_06_TP | How Does Cloud-Scale Physics Drive Galaxy Evolution?   | Leroy      | NA        | Total Power | 6    |
| 17:49:43   | 18:29:21 | 2015.1.00956.S | NGC_4254_a_06_TP | How Does Cloud-Scale Physics Drive Galaxy Evolution?   | Leroy      | NA        | Total Power | 6    |
| 17:24:26   | 18:40:15 | 2015.1.00424.S | IRAS1348_a_07_TE | Characterizing the disk & outflow around a high-mass protostar using multi-wavelength interferometry   | Kraus      | EU        | 12-m        | 7    |
| 17:08:32   | 17:48:14 | 2015.1.00956.S | NGC_4254_a_06_TP | How Does Cloud-Scale Physics Drive Galaxy Evolution?   | Leroy      | NA        | Total Power | 6    |
| 16:12:29   | 17:39:19 | 2015.1.00483.S | Centauru_a_07_7M | The nature of the Centaurus A circumnuclear disk   | Israel     | EU        | 7-m         | 7    |
| 15:56:17   | 17:13:30 | 2015.1.00038.S | Antennae_a_07_TE | On the dominant stellar feedback mechanism in massive Super Star Clusters  | Herrera    | EA        | 12-m        | 7    |
| 15:08:28   | 16:50:56 | 2015.1.00656.S | Western_a_08_TP  | Testing Basic PDR Physics in Carina's Western Wall   | Hartigan   | NA        | Total Power | 8    |
| 14:23:58   | 15:43:58 | 2015.1.00038.S | Antennae_a_07_TE | On the dominant stellar feedback mechanism in massive Super Star Clusters  | Herrera    | EA        | 12-m        | 7    |
| 13:57:10   | 15:36:37 | 2015.1.00997.S | SDSS_J10_a_07_7M | Extreme quasar feedback in the early Universe  | Maiolino   | EU        | 7-m         | 7    |
| 13:43:10   | 14:45:32 | 2015.1.01134.S | RCW38_b_07_TP    | The youngest massive cluster RCW38 formed via cloud-cloud collision: Revealing the core mass function in the region of O stars in the making | Fukui      | EA        | Total Power | 7    |
| 12:59:49   | 13:42:51 | 2015.1.00925.S | NGC_1566_b_06_TP | Promoting Diversity: ISM Physics and Star Formation across Different Environments  | Blanc      | CL        | Total Power | 6    |
| 12:51:48   | 14:13:06 | 2015.1.01015.S | TWA_7_a_07_TE    | Resolving the debris disk and its structure around the young M dwarf TWA 7   | Bayo       | CL        | 12-m        | 7    |
| 12:13:34   | 12:37:52 | 2015.1.01210.S | AB_pic_a_06_TE   | Protolunar disks around directly imaged young exoplanets   | Perez      | CL        | 12-m        | 6    |
| 12:12:38   | 12:56:18 | 2015.1.00925.S | NGC_1566_b_06_TP | Promoting Diversity: ISM Physics and Star Formation across Different Environments  | Blanc      | CL        | Total Power | 6    |
| 11:09:10   | 12:09:55 | 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    |
| 10:31:43   | 11:26:25 | 2015.A.00025.S | FRB12110_a_06_TE | Identifying the Host of the Fast Radio Burst 121102  | Chatterjee | NA        | 12-m        | 6    |
| 10:05:26   | 11:06:29 | 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    |
| 09:04:56   | 10:30:55 | 2015.1.00126.S | NGC1097_a_07_TE  | Submillimeter nature of a putative molecular torus in the type-1 low-luminosity AGN of NGC 1097  | Izumi      | EA        | 12-m        | 7    |
| 09:02:59   | 10:03:56 | 2015.1.00094.S | OrionBN-_a_03_7M | Surveying the Seeds of Star Formation: Starless Cores in   | Dunham     | NA        | 7-m         | 3    |

| 07:36:22          | 09:02:53 | 2015.1.00126.S | NGC1097_a_07_TE  | Orion B North<br>Submillimeter nature of a putative molecular torus in the type-1 low-luminosity AGN of NGC 1097 | Izumi    | EA        | 12-m        | 7    |
|-------------------|----------|----------------|------------------|--|----------|-----------|-------------|------|
| 06:03:51          | 07:32:08 | 2015.1.00126.S | NGC1097_a_07_TE  | Submillimeter nature of a putative molecular torus in the type-1 low-luminosity AGN of NGC 1097                  | Izumi    | EA        | 12-m        | 7    |
| 04:51:56          | 06:03:08 | 2015.1.01487.S | n613_a_03_TE     | Investigation of Molecular Clouds Traced by CI   | Miyamoto | EA        | 12-m        | 3    |
| <b>2016-09-14</b> |          |                |                  |  |          |           |             |      |
| Start (UT)        | End (UT) | Project Code   | SchedBlock       | Project Title  | PI       | Executive | Array       | Band |
| 11:08:52          | 12:21:02 | 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    |
| 10:56:08          | 11:46:47 | 2015.1.00773.S | DH_Tau_b_a_06_TE | An ALMA Search for Disks around Planetary Mass Companions  | Wu       | NA        | 12-m        | 6    |
| 09:17:13          | 10:43:21 | 2015.1.00534.S | ONC_a_07_TE      | Probing Planet-Forming Zones in Orion Nebula Cluster Disks   | Eisner   | NA        | 12-m        | 7    |
| 08:31:13          | 09:43:15 | 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    |
| 07:49:13          | 09:15:36 | 2015.1.00534.S | ONC_a_07_TE      | Probing Planet-Forming Zones in Orion Nebula Cluster Disks   | Eisner   | NA        | 12-m        | 7    |
| 06:53:40          | 07:36:53 | 2015.1.00925.S | NGC_1433_b_06_TP | Promoting Diversity: ISM Physics and Star Formation across Different Environments                                |          | CL        | Total Power | 6    |
| 06:25:07          | 07:48:40 | 2015.1.00126.S | NGC1097_a_07_TE  | Submillimeter nature of a putative molecular torus in the type-1 low-luminosity AGN of NGC 1097                  | Izumi    | EA        | 12-m        | 7    |
| 06:08:59          | 06:52:48 | 2015.1.00925.S | NGC_1385_a_06_TP | Promoting Diversity: ISM Physics and Star Formation across Different Environments                                |          | CL        | Total Power | 6    |
| 05:26:13          | 06:22:45 | 2015.1.00907.S | nugg2220_a_07_TE | Smoking gun confirmation of dusty nuggets as progenitors of the red nuggets at z~2                               | Barro    | NA        | 12-m        | 7    |
| 05:21:43          | 06:07:43 | 2015.1.00656.S | Uranus_a_08_TP   | Testing Basic PDR Physics in Carina's Western Wall   | Hartigan | NA        | Total Power | 8    |
| 04:10:02          | 05:25:55 | 2015.1.00098.S | HUDF-JVL_d_06_TE | ALMA deep survey on GOODS-S-JVLA field   | Kohno    | EA        | 12-m        | 6    |
| 02:52:24          | 04:08:57 | 2015.1.00490.S | HD_16914_a_06_TE | Resolving the double gaps in the disk around HD 169142   | Honda    | EA        | 12-m        | 6    |
| 01:54:02          | 02:32:51 | 2015.1.00601.S | mosaic1_a_03_TP  | G351.77--0.51: ridge formation caught in the act   | Leurini  | EU        | Total Power | 3    |
| 01:34:44          | 02:51:15 | 2015.1.00490.S | HD_16914_a_06_TE | Resolving the double gaps in the disk around HD 169142   | Honda    | EA        | 12-m        | 6    |
| 01:14:00          | 01:52:34 | 2015.1.00601.S | mosaic1_a_03_TP  | G351.77--0.51: ridge formation caught in the act   | Leurini  | EU        | Total Power | 3    |
| 00:10:54          | 01:34:25 | 2015.1.00490.S | HD_16914_a_06_TE | Resolving the double gaps in the disk around HD 169142   | Honda    | EA        | 12-m        | 6    |
| <b>2016-09-13</b> |          |                |                  |  |          |           |             |      |
| Start (UT)        | End (UT) | Project Code   | SchedBlock       | Project Title  | PI       | Executive | Array       | Band |
| 23:30:14          | 00:08:47 | 2015.1.00601.S | mosaic1_a_03_TP  | G351.77--0.51: ridge formation caught in the act   | Leurini  | EU        | Total Power | 3    |
| 22:40:39          | 23:46:24 | 2015.1.00354.S | Serpens-_a_06_TE | Detection and Characterization of Fragmentation in a Class 0 Disk  | Dunham   | NA        | 12-m        | 6    |
| 21:28:51          | 22:40:19 | 2015.1.01448.S | NGC6240_a_06_TE  | High Resolution Observations of the Dense Gas in NGC 6240  | Tunnard  | EU        | 12-m        | 6    |
| 20:55:18          | 21:34:01 | 2015.1.00601.S | mosaic1_a_03_TP  | G351.77--0.51: ridge formation caught in the act   | Leurini  | EU        | Total Power | 3    |
| 20:48:54          | 22:05:22 | 2015.1.00601.S | mosaic2_a_03_7M  | G351.77--0.51: ridge formation caught in the act   | Leurini  | EU        | 7-m         | 3    |
| 20:12:15          | 20:51:03 | 2015.1.00601.S | mosaic1_a_03_TP  | G351.77--0.51: ridge formation caught in the act   | Leurini  | EU        | Total Power | 3    |
| 19:53:12          | 21:08:25 | 2015.1.00725.S | HD163296_a_03_TE | Witnessing grain growth across the CO snowline in HD163296   | Guidi    | EU        | 12-m        | 3    |
| 19:32:30          | 20:48:11 | 2015.1.00601.S | mosaic2_a_03_7M  | G351.77--0.51: ridge formation caught in the act   | Leurini  | EU        | 7-m         | 3    |
| 19:16:45          | 19:56:35 | 2015.1.00956.S | NGC_4254_a_06_TP | How Does Cloud-Scale Physics Drive Galaxy Evolution?   | Leroy    | NA        | Total Power | 6    |
| 18:40:54          | 19:30:59 | 2015.1.01256.S | ngc3603_a_04_TE  | The mass-loss rates of the most massive stars  | Vink     | EU        | 12-m        | 4    |
| 17:55:18          | 18:26:25 | 2015.1.00102.S | IRAS_131_b_07_TE | Warm and Dense Molecular Gas   | Iono     | EA        | 12-m        | 7    |

|                   |                 |                     |                   |  |             |                  |              |             |
|-------------------|-----------------|---------------------|-------------------|--|-------------|------------------|--------------|-------------|
| 17:30:44          | 19:11:39        | 2015.1.00997.S      | SDSS_J10_a_07_7M  | Extreme quasar feedback in the early Universe  | Maiolino    | EU               | 7-m          | 7           |
| 17:24:16          | 17:53:59        | 2015.1.00102.S      | IRAS_131_a_07_TE  | Warm and Dense Molecular Gas in Local Merging ULIRGs   | Iono        | EA               | 12-m         | 7           |
| 17:20:12          | 19:02:02        | 2015.1.00656.S      | Western_a_08_TP   | Testing Basic PDR Physics in Carina's Western Wall   | Hartigan    | NA               | Total Power  | 8           |
| 15:53:26          | 17:02:47        | 2015.1.01597.S      | TW_Hya_a_08_TE    | Measuring Velocity Structure of MHD Wind from a Protoplanetary Disk                                      | Ishimoto    | EA               | 12-m         | 8           |
| 12:17:21          | 13:29:03        | 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           |
| 12:05:48          | 13:30:50        | 2015.1.00534.S      | ONC_a_07_TE       | Probing Planet-Forming Zones in Orion Nebula Cluster Disks   | Eisner      | NA               | 12-m         | 7           |
| 10:52:29          | 12:02:46        | 2015.1.00196.S      | LMC0NT19_b_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           |
| 10:28:23          | 11:54:22        | 2015.1.00534.S      | ONC_a_07_TE       | Probing Planet-Forming Zones in Orion Nebula Cluster Disks   | Eisner      | NA               | 12-m         | 7           |
| 09:22:40          | 10:35:02        | 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           |
| 09:00:37          | 10:26:20        | 2015.1.00534.S      | ONC_a_07_TE       | Probing Planet-Forming Zones in Orion Nebula Cluster Disks   | Eisner      | NA               | 12-m         | 7           |
| 08:38:55          | 09:22:08        | 2015.1.00925.S      | NGC_1433_b_06_TP  | Promoting Diversity: ISM Physics and Star Formation across Different Environments                        | Blanc       | CL               | Total Power  | 6           |
| 08:10:17          | 09:22:20        | 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           |
| 07:54:54          | 08:38:08        | 2015.1.00925.S      | NGC_1433_a_06_TP  | Promoting Diversity: ISM Physics and Star Formation across Different Environments                        | Blanc       | CL               | Total Power  | 6           |
| 07:35:04          | 09:00:20        | 2015.1.00534.S      | ONC_a_07_TE       | Probing Planet-Forming Zones in Orion Nebula Cluster Disks   | Eisner      | NA               | 12-m         | 7           |
| 07:10:53          | 07:54:28        | 2015.1.00925.S      | NGC_1433_b_06_TP  | Promoting Diversity: ISM Physics and Star Formation across Different Environments                        | Blanc       | CL               | Total Power  | 6           |
| 07:03:28          | 08:09:49        | 2015.1.00530.S      | TN_J0205_a_03_7M  | An ALMA-MUSE Survey of Extended Radio Galaxy Haloes  | De Breuck   | EU               | 7-m          | 3           |
| 06:33:00          | 07:29:13        | 2015.1.00907.S      | nugg2220_a_07_TE  | Smoking gun confirmation of dusty nuggets as progenitors of the red nuggets at z~2                       | Barro       | NA               | 12-m         | 7           |
| 06:26:59          | 07:10:26        | 2015.1.00925.S      | NGC_1385_a_06_TP  | Promoting Diversity: ISM Physics and Star Formation across Different Environments                        | Blanc       | CL               | Total Power  | 6           |
| 05:51:24          | 07:02:49        | 2015.1.00530.S      | TN_J0205_a_03_7M  | An ALMA-MUSE Survey of Extended Radio Galaxy Haloes  | De Breuck   | EU               | 7-m          | 3           |
| 05:07:42          | 06:32:42        | 2015.1.00907.S      | nugg2599_a_07_TE  | Smoking gun confirmation of dusty nuggets as progenitors of the red nuggets at z~2                       | Barro       | NA               | 12-m         | 7           |
| 04:43:01          | 05:04:45        | 2015.1.01210.S      | Kappa_an_a_06_TE  | Protolunar disks around directly imaged young exoplanets   | Perez       | CL               | 12-m         | 6           |
| 03:31:13          | 04:42:33        | 2015.1.01487.S      | n613_a_03_TE      | Investigation of Molecular Clouds Traced by Cl   | Miyamoto    | EA               | 12-m         | 3           |
| 02:31:48          | 03:20:18        | 2015.1.01163.S      | M17UC1_a_08_TE    | Measuring the luminosity of massive protostars via their millimeter brightness temperature               | Hunter      | NA               | 12-m         | 8           |
| 01:38:23          | 02:16:55        | 2015.1.00601.S      | mosaic1_a_03_TP   | G351.77--0.51: ridge formation caught in the act   | Leurini     | EU               | Total Power  | 3           |
| 01:14:04          | 02:30:14        | 2015.1.00601.S      | mosaic2_a_03_7M   | G351.77--0.51: ridge formation caught in the act   | Leurini     | EU               | 7-m          | 3           |
| 00:58:23          | 01:37:38        | 2015.1.00601.S      | mosaic1_a_03_TP   | G351.77--0.51: ridge formation caught in the act   | Leurini     | EU               | Total Power  | 3           |
| 00:31:52          | 02:06:10        | 2015.1.00768.S      | Serpens__a_07_TE  | Probing magnetic fields in the inner envelopes and outer disks of Class 0 protostars                     | Hull        | NA               | 12-m         | 7           |
| <b>2016-09-12</b> |                 |                     |                   |  |             |                  |              |             |
| <b>Start (UT)</b> | <b>End (UT)</b> | <b>Project Code</b> | <b>SchedBlock</b> | <b>Project Title</b>   | <b>PI</b>   | <b>Executive</b> | <b>Array</b> | <b>Band</b> |
| 22:44:09          | 00:31:05        | 2015.1.00768.S      | Serpens__a_07_TE  | Probing magnetic fields in the inner envelopes and outer disks of Class 0 protostars                     | Hull        | NA               | 12-m         | 7           |
| 22:13:20          | 22:52:05        | 2015.1.00601.S      | mosaic1_a_03_TP   | G351.77--0.51: ridge formation caught in the act   | Leurini     | EU               | Total Power  | 3           |

|          |          |                |                  |   |          |    |             |   |
|----------|----------|----------------|------------------|---|----------|----|-------------|---|
| 21:34:17 | 22:51:35 | 2015.1.00601.S | mosaic2_a_03_7M  | G351.77--0.51: ridge formation caught<br>in the act                                     |          | EU | 7-m         | 3 |
| 21:33:50 | 22:12:43 | 2015.1.00601.S | mosaic1_a_03_TP  | G351.77--0.51: ridge formation caught<br>in the act                                     |          | EU | Total Power | 3 |
| 21:12:39 | 22:32:26 | 2015.1.01426.S | SDSS_J15_a_06_TE | Beaded Strings of Young Stellar<br>Superclusters between Merging<br>Elliptical Galaxies | Tremblay | NA | 12-m        | 6 |