

**ALMA Observing Activity from 2019-08-12T17:59:00 to 2019-08-19T18:00:00**  
**QA0 pass executions**

**2019-08-12**

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title   | PI     | Executive   | Array       | Band |
|------------|----------|----------------|-------------------|---|--------|-------------|-------------|------|
| 21:25:26   | 22:30:04 | 2018.1.00861.S | G15v2.77_a_04_TM1 | The Shape of Water: Dissecting the ISM in high-redshift dusty starbursts with luminous water emission lines | Yang   | EU          | 12-m        | 4    |
| 21:53:57   | 22:31:20 | 2017.1.01355.L | G010.62_a_06_TP   | ALMA-IMF: ALMA transforms our view of the origin of stellar masses  | Motte  | CL EA EU NA | Total Power | 6    |
| 22:56:44   | 00:26:51 | 2018.1.00557.S | Alpha_Ce_e_07_TM1 | An Astrometric Search for Planets Orbiting in the Alpha Centauri System                                     | Akeson | NA          | 12-m        | 7    |

**2019-08-13**

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title   | PI         | Executive | Array       | Band |
|------------|----------|----------------|-------------------|---|------------|-----------|-------------|------|
| 00:31:28   | 02:01:03 | 2018.1.00557.S | Alpha_Ce_e_07_TM1 | An Astrometric Search for Planets Orbiting in the Alpha Centauri System                         | Akeson     | NA        | 12-m        | 7    |
| 02:21:44   | 03:00:50 | 2018.1.00024.S | IRAS1853_a_07_TM1 | Submillimeter H2O masers in high-mass YSOs  | Hirota     | EA        | 12-m        | 7    |
| 02:24:46   | 03:40:11 | 2018.1.00862.S | G5_a_06_TP        | Perfect Twins? Excited Molecular Gas Clumps Symmetric to Sgr A*                                 | Ott        | NA        | Total Power | 6    |
| 03:41:10   | 04:56:44 | 2018.1.00862.S | G5_a_06_TP        | Perfect Twins? Excited Molecular Gas Clumps Symmetric to Sgr A*                                 | Ott        | NA        | Total Power | 6    |
| 03:59:31   | 05:58:59 | 2018.1.01031.S | SNR1E010_a_08_7M  | Revealing dust processing in the young supernova remnant 1E\,0102.2-72129 in the SMC            | Vogt       | EU        | 7-m         | 8    |
| 04:05:21   | 04:44:38 | 2018.1.00024.S | IRAS1853_a_07_TM1 | Submillimeter H2O masers in high-mass YSOs  | Hirota     | EA        | 12-m        | 7    |
| 05:13:45   | 06:50:03 | 2018.1.00285.S | SPT2319-_a_08_TM1 | A 100 parsec View of a Molecular Outflow at Redshift 5.3  | Spilker    | NA        | 12-m        | 8    |
| 05:59:07   | 07:59:56 | 2018.1.01031.S | SNR1E010_a_08_7M  | Revealing dust processing in the young supernova remnant 1E\,0102.2-72129 in the SMC            | Vogt       | EU        | 7-m         | 8    |
| 07:22:39   | 09:23:39 | 2018.1.00124.S | NGC613_a_09_TM1   | Zooming into molecular tori   | Combes     | EU        | 12-m        | 9    |
| 08:03:38   | 09:58:48 | 2018.1.01438.S | l1448-mm_a_09_7M  | Where does high-velocity water emission originate in protostellar systems?                      | Kristensen | EU        | 7-m         | 9    |
| 09:28:17   | 10:42:47 | 2018.1.00310.S | J0420255_a_07_TM1 | Hunting for Structures in Protoplanetary Disks around Very Low Mass Stars                       | Pinilla    | NA        | 12-m        | 7    |
| 10:42:55   | 11:51:47 | 2018.1.00310.S | 04334465_a_07_TM1 | Hunting for Structures in Protoplanetary Disks around Very Low Mass Stars                       | Pinilla    | NA        | 12-m        | 7    |
| 12:05:16   | 12:47:46 | 2018.1.00310.S | 04334465_a_07_TM1 | Hunting for Structures in Protoplanetary Disks around Very Low Mass Stars                       | Pinilla    | NA        | 12-m        | 7    |
| 13:02:17   | 13:58:22 | 2018.A.00047.S | iras_065_g_06_7M  | Shock-induced chemistry in the CSEs of late-type stars: a pilot study                           | Cerrigone  | NA        | 7-m         | 6    |
| 13:59:22   | 15:18:07 | 2018.A.00047.S | iras_071_c_06_7M  | Shock-induced chemistry in the CSEs of late-type stars: a pilot study                           | Cerrigone  | NA        | 7-m         | 6    |
| 15:56:02   | 17:23:28 | 2018.1.00216.S | Hyde_a_06_TM1     | Quenching in action: gas reservoirs in a transitioning massive galaxy at z=3.71                 | Schreiber  | EU        | 12-m        | 6    |
| 17:23:35   | 17:42:10 | 2018.1.00576.S | NGC_3783_a_03_TM1 | ALMA survey of coronal magnetic activity of supermassive black holes in nearby Seyfert galaxies | Inoue      | EA        | 12-m        | 3    |
| 18:02:43   | 18:21:14 | 2018.1.00576.S | NGC_4593_a_04_TM1 | ALMA survey of coronal magnetic activity of supermassive black holes in nearby Seyfert galaxies | Inoue      | EA        | 12-m        | 4    |
| 18:21:21   | 18:39:55 | 2018.1.00576.S | NGC_3783_a_04_TM1 | ALMA survey of coronal magnetic activity of supermassive black holes in nearby Seyfert galaxies | Inoue      | EA        | 12-m        | 4    |
| 18:44:13   | 19:02:23 | 2018.1.00576.S | NGC_4593_a_03_TM1 | ALMA survey of coronal magnetic activity of supermassive black holes in nearby Seyfert galaxies | Inoue      | EA        | 12-m        | 3    |
| 19:02:31   | 19:23:02 | 2018.1.00576.S | NGC_3783_a_06_TM1 | ALMA survey of coronal magnetic activity of supermassive black holes in nearby Seyfert galaxies | Inoue      | EA        | 12-m        | 6    |
| 19:23:10   | 19:43:21 | 2018.1.00576.S | NGC_4593_a_06_TM1 | ALMA survey of coronal magnetic activity of supermassive black holes in nearby Seyfert galaxies | Inoue      | EA        | 12-m        | 6    |
| 19:43:29   | 20:30:00 | 2018.1.00538.S | J1336.0+_a_06_TM1 | ALMA-BASS: CND-scale molecular  | Izumi      | EA        | 12-m        | 6    |

|          |          |                |                   |   |            |    |      |   |
|----------|----------|----------------|-------------------|---|------------|----|------|---|
|          |          |                |                   | gas survey toward nearby luminous AGNs selected with the Swift-BAT hard X-ray survey                  |            |    |      |   |
| 20:30:08 | 20:50:40 | 2018.1.00576.S | IC_4329A_a_06_TM1 | ALMA survey of coronal magnetic activity of supermassive black holes in nearby Seyfert galaxies       | Inoue      | EA | 12-m | 6 |
| 20:50:48 | 21:09:05 | 2018.1.00576.S | IC_4329A_a_03_TM1 | ALMA survey of coronal magnetic activity of supermassive black holes in nearby Seyfert galaxies       | Inoue      | EA | 12-m | 3 |
| 21:09:13 | 21:27:55 | 2018.1.00576.S | IC_4329A_a_04_TM1 | ALMA survey of coronal magnetic activity of supermassive black holes in nearby Seyfert galaxies       | Inoue      | EA | 12-m | 4 |
| 22:13:29 | 23:07:44 | 2018.1.01634.S | IRS_63_b_07_TM1   | Chemistry Associated with the Protostellar Disk with the Youngest-Known Ringed Dust Structure         | Segura-Cox | EU | 12-m | 7 |
| 22:27:31 | 23:57:13 | 2018.1.00994.S | IC_4280_a_08_7M   | Cl(1-0) and CO(4-3) survey for nearby Michiyama ~40 U/LIRGs- Band8 ACA stand alone observation -      |            | EA | 7-m  | 8 |
| 23:08:28 | 23:26:21 | 2018.1.01538.S | G353.273_a_06_TM2 | Testing the gravitational stability toward the innermost accretion system in high mass star-formation | Motogi     | EA | 12-m | 6 |
| 23:26:29 | 01:06:15 | 2018.1.01774.S | PDS_70_a_07_TM1   | First characterisation of a directly imaged protoplanet and its natal environment with ALMA           | Keppler    | EU | 12-m | 7 |
| 23:58:07 | 01:38:27 | 2018.1.00007.S | SN1996cr_a_08_7M  | An ACA Spectral Sampling Campaign of SN1996cr.  | Bauer      | CL | 7-m  | 8 |

### 2019-08-14

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title   | PI            | Executive   | Array | Band |
|------------|----------|----------------|-------------------|---|---------------|-------------|-------|------|
| 01:28:56   | 02:50:11 | 2017.1.00727.S | HD169142_a_09_TM1 | The First Detection of the Circumplanetary Disk with ALMA                                       | Szulagyi      | EU          | 12-m  | 9    |
| 02:51:22   | 04:16:18 | 2017.1.00727.S | HD169142_a_09_TM1 | The First Detection of the Circumplanetary Disk with ALMA                                       | Szulagyi      | EU          | 12-m  | 9    |
| 04:43:03   | 06:19:20 | 2018.1.00285.S | SPT2319-_a_08_TM1 | A 100 parsec View of a Molecular Outflow at Redshift 5.3  | Spilker       | NA          | 12-m  | 8    |
| 04:58:36   | 06:58:56 | 2018.1.01031.S | SNR1E010_a_08_7M  | Revealing dust processing in the young supernova remnant 1E\,0102.2-72129 in the SMC            | Vogt          | EU          | 7-m   | 8    |
| 06:19:28   | 07:55:42 | 2018.1.00285.S | SPT2319-_a_08_TM1 | A 100 parsec View of a Molecular Outflow at Redshift 5.3  | Spilker       | NA          | 12-m  | 8    |
| 07:01:07   | 09:02:09 | 2018.1.01031.S | SNR1E010_a_08_7M  | Revealing dust processing in the young supernova remnant 1E\,0102.2-72129 in the SMC            | Vogt          | EU          | 7-m   | 8    |
| 08:10:05   | 09:30:10 | 2018.1.01241.S | MACSJ041_a_07_TM1 | The 90 mas imaging of a z = 8.312 galaxy: Benchmarking our understanding of galaxy formation    | Tamura        | EA          | 12-m  | 7    |
| 09:02:22   | 11:02:58 | 2018.1.01031.S | SNR1E010_a_08_7M  | Revealing dust processing in the young supernova remnant 1E\,0102.2-72129 in the SMC            | Vogt          | EU          | 7-m   | 8    |
| 09:34:08   | 10:56:22 | 2018.1.01438.S | l1448-mm_a_05_TM1 | Where does high-velocity water emission originate in protostellar systems?                      | Kristensen    | EU          | 12-m  | 5    |
| 11:03:21   | 12:25:04 | 2018.1.01438.S | l1448-mm_a_05_TM1 | Where does high-velocity water emission originate in protostellar systems?                      | Kristensen    | EU          | 12-m  | 5    |
| 11:08:36   | 12:45:08 | 2018.1.00921.S | 5MUSES_5_a_08_7M  | Exploring the link between [C I] and PAHs in star-forming galaxies                              | Cortzen       | EU          | 7-m   | 8    |
| 18:56:26   | 19:31:46 | 2018.1.00047.S | CW_Leo_j_06_7M    | Monitor band-6 line variability in IRC +10216 with ALMA Compact Array (III).                    | He            | CL          | 7-m   | 6    |
| 19:25:59   | 19:51:20 | 2018.1.00870.S | SDSS_J11_a_06_TM1 | A multiphase investigation of AGN feedback  | Ramos Almeida | EU          | 12-m  | 6    |
| 19:34:29   | 20:27:36 | 2018.A.00047.S | iras_085_f_06_7M  | Shock-induced chemistry in the CSEs of late-type stars: a pilot study                           | Cerrigone     | NA          | 7-m   | 6    |
| 19:55:27   | 20:42:31 | 2018.1.00870.S | SDSS_J14_a_06_TM1 | A multiphase investigation of AGN feedback  | Ramos Almeida | EU          | 12-m  | 6    |
| 20:42:44   | 22:06:24 | 2018.1.01055.L | IM_Lup_a_06_TM1   | The Chemistry of Planet Formation   | Oberg         | CL EA EU NA | 12-m  | 6    |
| 22:06:30   | 22:27:12 | 2018.1.00576.S | AX_J1737_a_06_TM1 | ALMA survey of coronal magnetic activity of supermassive black holes in nearby Seyfert galaxies | Inoue         | EA          | 12-m  | 6    |
| 22:28:16   | 22:46:31 | 2018.1.00576.S | AX_J1737_a_03_TM1 | ALMA survey of coronal magnetic activity of supermassive black holes in nearby Seyfert galaxies | Inoue         | EA          | 12-m  | 3    |
| 22:46:38   | 23:05:19 | 2018.1.00576.S | AX_J1737_a_04_TM1 | ALMA survey of coronal magnetic activity of supermassive black holes in nearby Seyfert galaxies | Inoue         | EA          | 12-m  | 4    |

| 23:24:31          | 00:40:25 | 2018.1.00862.S | G5_a_06_TP        | activity of supermassive black holes in nearby Seyfert galaxies<br>Perfect Twins? Excited Molecular Gas<br>Clumps Symmetric to Sgr A* | Ott            | NA          | Total Power | 6    |
|-------------------|----------|----------------|-------------------|---|----------------|-------------|-------------|------|
| 23:52:15          | 01:10:41 | 2018.1.01441.S | G19.01-0_a_06_TM1 | First resolved observation of the isolated, high-mass circumstellar disk candidate G19.01-0.03  | Williams       | EU          | 12-m        | 6    |
| <b>2019-08-15</b> |          |                |                   |   |                |             |             |      |
| Start (UT)        | End (UT) | Project Code   | SchedBlock        | Project Title   | PI             | Executive   | Array       | Band |
| 00:40:37          | 02:19:06 | 2017.1.01355.L | W51-E_a_06_TP     | ALMA-IMF: ALMA transforms our view of the origin of stellar masses  | Motte          | CL EA EU NA | Total Power | 6    |
| 01:10:49          | 02:38:30 | 2018.1.01538.S | G353.273_a_07_TM1 | Testing the gravitational stability toward the innermost accretion system in high mass star-formation                                 | Motogi         | EA          | 12-m        | 7    |
| 02:38:36          | 04:18:02 | 2017.1.00114.S | Sgr_B2_D_a_06_TM1 | Probing low-mass star formation in the CMZ in Sgr B2 Deep South   | Ginsburg       | NA          | 12-m        | 6    |
| 03:18:38          | 04:34:25 | 2018.1.00862.S | G5_a_06_TP        | Perfect Twins? Excited Molecular Clumps Symmetric to Sgr A*   | Ott            | NA          | Total Power | 6    |
| 04:35:38          | 05:38:44 | 2017.1.00082.S | NGC7213_a_07_TM1  | Molecular tori in Seyfert galaxies  | Garcia-Burillo | EU          | 12-m        | 7    |
| 04:55:27          | 06:24:27 | 2018.1.01259.S | BGPS5623_b_06_TP  | Probing the Structure and Chemistry of Previously Unexplored Giant Molecular Clouds   | Wilkins        | NA          | Total Power | 6    |
| 05:38:51          | 06:50:44 | 2018.1.00294.S | NGC253_a_07_TM1   | Ionized Gas, Radiation Field, Masses, and Dust Temperature in Forming Massive Clusters in the NGC253 Starburst                        | Bolatto        | NA          | 12-m        | 7    |
| 06:55:36          | 08:08:17 | 2018.1.00294.S | NGC253_a_07_TM1   | Ionized Gas, Radiation Field, Masses, and Dust Temperature in Forming Massive Clusters in the NGC253 Starburst                        | Bolatto        | NA          | 12-m        | 7    |
| 08:08:25          | 08:55:25 | 2018.1.00538.S | J0042.9-b_06_TM1  | ALMA-BASS: CND-scale molecular gas survey toward nearby luminous AGNs selected with the Swift-BAT hard X-ray survey                   | Izumi          | EA          | 12-m        | 6    |
| 08:56:54          | 10:08:29 | 2018.1.00294.S | NGC253_a_07_TM1   | Ionized Gas, Radiation Field, Masses, and Dust Temperature in Forming Massive Clusters in the NGC253 Starburst                        | Bolatto        | NA          | 12-m        | 7    |
| 10:10:31          | 11:39:40 | 2018.1.01055.L | MWC_480_b_06_TM1  | The Chemistry of Planet Formation   | Oberg          | CL EA EU NA | 12-m        | 6    |
| 10:22:54          | 11:57:43 | 2018.1.00934.S | IC348_Pe_a_06_7M  | The temperature-multiplicity relation with ALMA   | Murillo        | EU          | 7-m         | 6    |
| 11:39:47          | 13:08:41 | 2018.1.01055.L | MWC_480_b_06_TM1  | The Chemistry of Planet Formation   | Oberg          | CL EA EU NA | 12-m        | 6    |
| 12:45:53          | 13:40:01 | 2018.A.00047.S | iras_065_f_06_7M  | Shock-induced chemistry in the CSEs of late-type stars: a pilot study   | Cerrigone      | NA          | 7-m         | 6    |
| 13:21:44          | 14:51:45 | 2018.1.00216.S | Hyde_a_06_TM1     | Quenching in action: gas reservoirs in a transitioning massive galaxy at z=3.71   | Schreiber      | EU          | 12-m        | 6    |
| 13:40:22          | 14:37:10 | 2018.A.00047.S | iras_065_h_06_7M  | Shock-induced chemistry in the CSEs of late-type stars: a pilot study   | Cerrigone      | NA          | 7-m         | 6    |
| 14:54:42          | 16:10:59 | 2018.1.01146.S | HATLAS_J_a_04_TM1 | 4 for 1: resolved CO, Cl, dust, and star-forming laws in a binary HyLIRG + binary ULIRG at z=2.41                                     | Nagar          | CL          | 12-m        | 4    |
| 16:11:51          | 16:47:41 | 2018.A.00047.S | FS_CMa_a_03_7M    | Shock-induced chemistry in the CSEs of late-type stars: a pilot study   | Cerrigone      | NA          | 7-m         | 3    |
| 16:29:03          | 17:46:04 | 2018.1.01146.S | HATLAS_J_a_04_TM1 | 4 for 1: resolved CO, Cl, dust, and star-forming laws in a binary HyLIRG + binary ULIRG at z=2.41                                     | Nagar          | CL          | 12-m        | 4    |
| 16:49:00          | 17:43:51 | 2018.A.00047.S | iras_085_h_06_7M  | Shock-induced chemistry in the CSEs of late-type stars: a pilot study   | Cerrigone      | NA          | 7-m         | 6    |
| 17:46:58          | 18:58:39 | 2018.1.01056.S | zw_3146_a_03_TM1  | Understanding column densities toward massive gas flows in gas-rich central galaxies  | Vantghem       | NA          | 12-m        | 3    |
| 19:15:57          | 20:22:34 | 2018.1.01103.S | BRI1335_a_04_TM1  | Resolving the ISM properties and circumnuclear starburst of a Quasar Host at z=4.4.   | González López | CL          | 12-m        | 4    |
| 20:23:47          | 21:22:42 | 2018.1.00581.S | Circinus_a_06_TM2 | Finally resolving the molecular "torus" of the closest Sy 2 AGN: the Circinus galaxy  | Tristram       | EU          | 12-m        | 6    |

|          |          |                |                 |  |       |             |             |   |
|----------|----------|----------------|-----------------|--|-------|-------------|-------------|---|
| 21:36:02 | 23:13:08 | 2017.1.01355.L | G010.62_a_06_TP | ALMA-IMF: ALMA transforms our view of the origin of stellar masses | Motte | CL EA EU NA | Total Power | 6 |
| 21:41:53 | 23:07:46 | 2018.1.01055.L | AS_209_a_06_TM1 | The Chemistry of Planet Formation                                  | Oberg | CL EA EU NA | 12-m        | 6 |
| 23:10:11 | 00:36:55 | 2018.1.01055.L | AS_209_a_06_TM1 | The Chemistry of Planet Formation                                  | Oberg | CL EA EU NA | 12-m        | 6 |
| 23:13:43 | 00:29:17 | 2018.1.00862.S | G5_a_06_TP      | Perfect Twins? Excited Molecular Gas Clumps Symmetric to Sgr A*    | Ott   | NA          | Total Power | 6 |

### 2019-08-16

| Start (UT) | End (UT) | Project Code   | SchedBlock          | Project Title   | PI             | Executive   | Array       | Band |
|------------|----------|----------------|---------------------|---|----------------|-------------|-------------|------|
| 00:30:35   | 02:08:15 | 2017.1.01355.L | W51-E_a_06_TP       | ALMA-IMF: ALMA transforms our view of the origin of stellar masses  | Motte          | CL EA EU NA | Total Power | 6    |
| 01:09:32   | 02:34:50 | 2018.1.01055.L | AS_209_a_06_TM1     | The Chemistry of Planet Formation   | Oberg          | CL EA EU NA | 12-m        | 6    |
| 02:09:15   | 03:24:38 | 2018.1.00862.S | G5_a_06_TP          | Perfect Twins? Excited Molecular Gas Clumps Symmetric to Sgr A*   | Ott            | NA          | Total Power | 6    |
| 02:36:25   | 03:58:18 | 2018.1.01055.L | HD163296_a_06_TM1   | The Chemistry of Planet Formation   | Oberg          | CL EA EU NA | 12-m        | 6    |
| 03:26:56   | 04:42:36 | 2018.1.00862.S | G5_a_06_TP          | Perfect Twins? Excited Molecular Gas Clumps Symmetric to Sgr A*   | Ott            | NA          | Total Power | 6    |
| 04:13:46   | 04:39:02 | 2018.1.00689.S | 2MASS_J1_b_06_TM2   | Search for Inner Disk in Transitional Disks   | Muto           | EA          | 12-m        | 6    |
| 04:53:52   | 05:52:27 | 2017.1.00082.S | NGC6814_a_07_TM1    | Molecular tori in Seyfert galaxies  | Garcia-Burillo | EU          | 12-m        | 7    |
| 05:52:37   | 07:04:39 | 2018.1.00294.S | NGC253_a_07_TM1     | Ionized Gas, Radiation Field, Masses, and Dust Temperature in Forming Massive Clusters in the NGC253 Starburst      | Bolatto        | NA          | 12-m        | 7    |
| 07:04:47   | 08:22:08 | 2018.1.00279.S | CGCG436-a_07_TM1    | High Resolution Survey of the Gas and Dust Distribution in Nearby Luminous Infrared Galaxies                        | Barcos-Munoz   | NA          | 12-m        | 7    |
| 08:30:33   | 10:06:45 | 2018.1.00921.S | 5MUSES_5_a_08_7M    | Exploring the link between [C I] and PAHs in star-forming galaxies  | Cortzen        | EU          | 7-m         | 8    |
| 08:35:53   | 09:02:18 | 2018.1.00279.S | III Zw 035_a_07_TM1 | High Resolution Survey of the Gas and Dust Distribution in Nearby Luminous Infrared Galaxies                        | Barcos-Munoz   | NA          | 12-m        | 7    |
| 09:02:37   | 09:26:42 | 2018.1.00279.S | IRASF013_a_07_TM1   | High Resolution Survey of the Gas and Dust Distribution in Nearby Luminous Infrared Galaxies                        | Barcos-Munoz   | NA          | 12-m        | 7    |
| 09:32:51   | 10:53:13 | 2018.1.01190.S | f16_b_06_TM1        | Chemistry in extremely FUV illuminated protoplanetary disks   | Guzman         | CL          | 12-m        | 6    |
| 10:57:07   | 12:18:58 | 2018.1.01438.S | l1448-mm_a_05_TM1   | Where does high-velocity water emission originate in protostellar systems?  | Kristensen     | EU          | 12-m        | 5    |
| 11:13:45   | 12:08:08 | 2018.1.01438.S | l1448-mm_a_09_7M    | Where does high-velocity water emission originate in protostellar systems?  | Kristensen     | EU          | 7-m         | 9    |
| 12:15:36   | 13:15:16 | 2018.A.00047.S | iras_065_i_06_7M    | Shock-induced chemistry in the CSEs of late-type stars: a pilot study   | Cerrigone      | NA          | 7-m         | 6    |
| 12:20:32   | 13:04:33 | 2018.1.00538.S | J0508.1+_a_06_TM1   | ALMA-BASS: CND-scale molecular gas survey toward nearby luminous AGNs selected with the Swift-BAT hard X-ray survey | Izumi          | EA          | 12-m        | 6    |
| 21:39:25   | 21:58:43 | 2018.1.00397.S | NGC4261_a_06_TM1    | WISDOM: Measuring High-mass Supermassive Black Holes using CO Kinematics  | Smith          | EU          | 12-m        | 6    |
| 22:00:31   | 23:22:36 | 2018.1.01055.L | HD163296_a_06_TM1   | The Chemistry of Planet Formation   | Oberg          | CL EA EU NA | 12-m        | 6    |
| 22:01:19   | 23:24:47 | 2018.A.00056.S | R_CrA_h_06_7M       | Core mass function and formation mechanism of very low-mass stars   | Tachihara      | EA          | 7-m         | 6    |
| 22:46:47   | 00:28:48 | 2017.1.01355.L | G010.62_a_06_TP     | ALMA-IMF: ALMA transforms our view of the origin of stellar masses  | Motte          | CL EA EU NA | Total Power | 6    |
| 23:28:58   | 01:08:18 | 2018.1.01774.S | PDS_70_a_07_TM1     | First characterisation of a directly imaged protoplanet and its natal environment with ALMA                         | Keppler        | EU          | 12-m        | 7    |
| 23:33:07   | 00:56:30 | 2018.A.00056.S | R_CrA_h_06_7M       | Core mass function and formation mechanism of very low-mass stars   | Tachihara      | EA          | 7-m         | 6    |

2019-08-17

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title   | PI            | Executive   | Array       | Band |
|------------|----------|----------------|-------------------|---|---------------|-------------|-------------|------|
| 00:28:54   | 02:06:29 | 2017.1.01355.L | W51-E_a_06_TP     | ALMA-IMF: ALMA transforms our view of the origin of stellar masses                            | Motte         | CL EA EU NA | Total Power | 6    |
| 00:56:38   | 02:16:22 | 2018.A.00056.S | R_CrA_k_06_7M     | Core mass function and formation mechanism of very low-mass stars                             | Tachihara     | EA          | 7-m         | 6    |
| 01:22:22   | 02:44:56 | 2018.1.01055.L | HD163296_a_06_TM1 | The Chemistry of Planet Formation   | Oberg         | CL EA EU NA | 12-m        | 6    |
| 02:06:37   | 03:35:09 | 2018.1.01259.S | BGPS5623_b_06_TP  | Probing the Structure and Chemistry of Previously Unexplored Giant Molecular Clouds           | Wilkins       | NA          | Total Power | 6    |
| 02:29:11   | 03:48:36 | 2018.A.00056.S | R_CrA_k_06_7M     | Core mass function and formation mechanism of very low-mass stars                             | Tachihara     | EA          | 7-m         | 6    |
| 02:45:03   | 03:06:26 | 2018.1.00051.S | PKS1830-_b_04_TM1 | A comprehensive study of methanol absorption toward PKS1830-211                               | Muller        | EU          | 12-m        | 4    |
| 03:31:09   | 05:10:08 | 2017.1.00114.S | Sgr_B2_D_a_06_TM1 | Probing low-mass star formation in the CMZ in Sgr B2 Deep South                               | Ginsburg      | NA          | 12-m        | 6    |
| 03:36:27   | 05:05:11 | 2018.1.01259.S | BGPS5623_b_06_TP  | Probing the Structure and Chemistry of Previously Unexplored Giant Molecular Clouds           | Wilkins       | NA          | Total Power | 6    |
| 03:48:44   | 04:59:21 | 2018.A.00056.S | R_CrA_j_06_7M     | Core mass function and formation mechanism of very low-mass stars                             | Tachihara     | EA          | 7-m         | 6    |
| 04:59:39   | 06:10:20 | 2018.A.00056.S | R_CrA_j_06_7M     | Core mass function and formation mechanism of very low-mass stars                             | Tachihara     | EA          | 7-m         | 6    |
| 05:25:46   | 05:44:22 | 2018.1.00659.L | SV_Aqr_b_06_TM2   | ATOMIUM: ALMA Tracing the Origins Decin of Molecules In dUst-forming oxygen-rich M-type stars |               | EU NA       | 12-m        | 6    |
| 05:44:47   | 06:03:37 | 2018.1.00659.L | SV_Aqr_a_06_TM2   | ATOMIUM: ALMA Tracing the Origins Decin of Molecules In dUst-forming oxygen-rich M-type stars |               | EU NA       | 12-m        | 6    |
| 06:03:45   | 06:23:16 | 2018.1.00659.L | SV_Aqr_c_06_TM2   | ATOMIUM: ALMA Tracing the Origins Decin of Molecules In dUst-forming oxygen-rich M-type stars |               | EU NA       | 12-m        | 6    |
| 06:10:29   | 07:26:23 | 2018.A.00049.S | NGC_346_b_03_7M   | ACA Observatory Project: SMC Band 3 mapping   | Aglizzo       | EU          | 7-m         | 3    |
| 06:23:23   | 06:44:13 | 2018.1.00659.L | IRC+1001_b_06_TM2 | ATOMIUM: ALMA Tracing the Origins Decin of Molecules In dUst-forming oxygen-rich M-type stars |               | EU NA       | 12-m        | 6    |
| 06:44:20   | 07:02:45 | 2018.1.00659.L | IRC+1001_a_06_TM2 | ATOMIUM: ALMA Tracing the Origins Decin of Molecules In dUst-forming oxygen-rich M-type stars |               | EU NA       | 12-m        | 6    |
| 07:02:54   | 07:21:16 | 2018.1.00659.L | IRC+1001_c_06_TM2 | ATOMIUM: ALMA Tracing the Origins Decin of Molecules In dUst-forming oxygen-rich M-type stars |               | EU NA       | 12-m        | 6    |
| 07:21:24   | 07:36:10 | 2018.1.00659.L | IRC+1001_d_06_TM2 | ATOMIUM: ALMA Tracing the Origins Decin of Molecules In dUst-forming oxygen-rich M-type stars |               | EU NA       | 12-m        | 6    |
| 07:26:32   | 08:28:53 | 2018.A.00058.S | M_33_j_06_7M      | ACA CO(2-1) mapping toward the nearest spiral galaxy M 33                                     | Muraoka       | EA          | 7-m         | 6    |
| 07:44:07   | 08:08:13 | 2018.1.00279.S | IRASF013_a_07_TM1 | High Resolution Survey of the Gas and Dust Distribution in Nearby Luminous Infrared Galaxies  | Barcos-Munoz  | NA          | 12-m        | 7    |
| 08:08:20   | 09:11:37 | 2018.1.00870.S | SDSS_J02_a_05_TM1 | A multiphase investigation of AGN feedback  | Ramos Almeida | EU          | 12-m        | 5    |
| 08:30:22   | 09:32:48 | 2018.A.00058.S | M_33_j_06_7M      | ACA CO(2-1) mapping toward the nearest spiral galaxy M 33                                     | Muraoka       | EA          | 7-m         | 6    |
| 09:11:45   | 10:14:02 | 2018.1.00771.S | T_Tau_a_06_TM1    | Born with siblings: will I ever get my own space?   | Manara        | EU          | 12-m        | 6    |
| 09:32:58   | 10:35:17 | 2018.A.00058.S | M_33_j_06_7M      | ACA CO(2-1) mapping toward the nearest spiral galaxy M 33                                     | Muraoka       | EA          | 7-m         | 6    |
| 10:14:10   | 11:22:40 | 2018.1.00310.S | CIDA_7_a_07_TM1   | Hunting for Structures in Protoplanetary Disks around Very Low Mass Stars                     | Pinilla       | NA          | 12-m        | 7    |
| 10:35:26   | 11:34:08 | 2018.A.00058.S | M_33_j_06_7M      | ACA CO(2-1) mapping toward the nearest spiral galaxy M 33                                     | Muraoka       | EA          | 7-m         | 6    |
| 11:24:57   | 11:51:06 | 2018.1.00814.S | HD250550_a_06_TM1 | Bridging the Mass gap - Disks around Intermediate mass protostars                             | Maud          | EU          | 12-m        | 6    |

|          |          |                |                   |   |            |    |      |   |
|----------|----------|----------------|-------------------|---|------------|----|------|---|
| 15:03:34 | 16:27:22 | E2E7.1.00080.S | FU_Ori_a_06_TM1   | SBs from 2019.1.01707.S                       | Villard    | CL | 12-m | 6 |
| 18:50:54 | 20:21:18 | E2E7.1.00127.S | HD_97048_a_03_TM1 | SBs from 2019.1.01430.S                       | Villard    | CL | 12-m | 3 |
| 20:34:38 | 21:59:48 | E2E7.1.00127.S | HD_97048_a_03_TM1 | SBs from 2019.1.01430.S                       | Villard    | CL | 12-m | 3 |
| 21:09:34 | 21:47:44 | E2E7.1.00038.S | MRC_B141_b_03_7M  | SGs from<br>2018.1.01796.S/E2E6.1.00037.S/E2E | Villard    | CL | 7-m  | 3 |
| 21:50:40 | 23:20:53 | E2E7.1.00147.S | ESO_507-_a_08_7M  | SBs from 2018.1.00994.S                       | Villard    | CL | 7-m  | 8 |
| 22:19:01 | 22:44:20 | E2E7.1.00103.S | Ganymede_a_06_TM1 | SBs from 2019.1.01191.S                       | Villard    | CL | 12-m | 6 |
| 23:21:05 | 23:52:38 | E2E7.1.00052.S | W51_b_06_TM1      | E2E from 2019.1.00777.L                       | van Kampen | CL | 12-m | 6 |
| 23:21:32 | 23:56:24 | E2E7.1.00052.S | W51_b_06_7M       | E2E from 2019.1.00777.L                       | van Kampen | CL | 7-m  | 6 |

### 2019-08-18

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title   | PI         | Executive   | Array       | Band |
|------------|----------|----------------|-------------------|---|------------|-------------|-------------|------|
| 00:04:22   | 00:38:24 | E2E7.1.00052.S | W51_b_06_7M       | E2E from 2019.1.00777.L   | van Kampen | CL          | 7-m         | 6    |
| 00:10:27   | 01:36:54 | E2E7.1.00136.S | G337.89_a_03_TP   | SG from 2019.1.01843.S  | Villard    | CL          | Total Power | 3    |
| 00:20:08   | 00:51:40 | E2E7.1.00052.S | W51_b_06_TM1      | E2E from 2019.1.00777.L   | van Kampen | CL          | 12-m        | 6    |
| 00:38:32   | 02:03:52 | E2E7.1.00153.S | Nessie_F_a_03_7M  | SG from 2019.1.00576.S  | Villard    | CL          | 7-m         | 3    |
| 01:43:35   | 03:09:09 | E2E7.1.00105.S | SR_12_c_a_07_TM1  | SBs from 2019.1.01212.S   | Villard    | CL          | 12-m        | 7    |
| 02:25:15   | 04:02:02 | E2E7.1.00075.S | Serpens_a_07_7M   | SBs from 2019.1.00475.S   | Villard    | CL          | 7-m         | 7    |
| 03:09:16   | 04:48:04 | E2E7.1.00063.S | BrickMas_a_07_TM1 | SBs from 2019.1.00092.S   | Villard    | CL          | 12-m        | 7    |
| 06:00:18   | 07:16:14 | 2018.A.00049.S | NGC_346_b_03_7M   | ACA Observatory Project: SMC Band<br>3 mapping  |            | EU          | 7-m         | 3    |
| 06:11:04   | 06:54:55 | 2018.1.00366.S | IC5169_a_06_TM1   | Feeding and feedback in an unbiased Malkan<br>and representative sample of AGN in<br>the local Universe     |            | NA          | 12-m        | 6    |
| 06:55:03   | 07:38:32 | 2018.1.00366.S | IC5169_a_06_TM1   | Feeding and feedback in an unbiased Malkan<br>and representative sample of AGN in<br>the local Universe     |            | NA          | 12-m        | 6    |
| 07:17:17   | 08:19:31 | 2018.A.00058.S | M_33_j_06_7M      | ACA CO(2-1) mapping toward the<br>nearest spiral galaxy M 33  | Muraoka    | EA          | 7-m         | 6    |
| 07:38:37   | 09:03:35 | 2018.1.01205.L | NGC1333_b_03_TM1  | Fifty AU STudy of the chemistry in the Yamamoto<br>disk/envelope system of Solar-like<br>protostars (FAUST) |            | EA EU NA    | 12-m        | 3    |
| 09:03:43   | 10:27:54 | 2018.1.01205.L | NGC1333_b_03_TM1  | Fifty AU STudy of the chemistry in the Yamamoto<br>disk/envelope system of Solar-like<br>protostars (FAUST) |            | EA EU NA    | 12-m        | 3    |
| 09:32:30   | 10:35:04 | 2018.A.00058.S | M_33_b_06_7M      | ACA CO(2-1) mapping toward the<br>nearest spiral galaxy M 33  | Muraoka    | EA          | 7-m         | 6    |
| 10:33:06   | 11:39:00 | 2018.1.01190.S | f16_a_06_TM1      | Chemistry in extremely FUV<br>illuminated protoplanetary disks  | Guzman     | CL          | 12-m        | 6    |
| 10:35:12   | 11:56:18 | 2018.A.00051.S | Orion1_c_03_7M    | Mapping Zeeman sensitive<br>molecules in the Orion Filament with<br>the ACA                                 | Cortes     | NA          | 7-m         | 3    |
| 11:53:40   | 13:22:43 | 2018.1.01055.L | MWC_480_b_06_TM1  | The Chemistry of Planet Formation   | Oberg      | CL EA EU NA | 12-m        | 6    |
| 12:33:50   | 14:01:29 | 2018.A.00047.S | iras_071_h_06_7M  | Shock-induced chemistry in the CSEs Cerrigone<br>of late-type stars: a pilot study                          |            | NA          | 7-m         | 6    |
| 13:22:51   | 13:42:13 | 2018.1.00576.S | IRAS_050_b_03_TM1 | ALMA survey of coronal magnetic<br>activity of supermassive black holes in<br>nearby Seyfert galaxies       | Inoue      | EA          | 12-m        | 3    |
| 14:01:06   | 15:21:39 | 2018.1.00747.S | SDP.81_a_03_TM1   | Understanding high-redshift star-<br>formation on 100-pc scales   | Rybak      | EU          | 12-m        | 3    |
| 14:36:57   | 16:04:27 | 2018.A.00047.S | iras_071_g_06_7M  | Shock-induced chemistry in the CSEs Cerrigone<br>of late-type stars: a pilot study                          |            | NA          | 7-m         | 6    |
| 15:30:14   | 16:51:37 | 2018.1.00747.S | SDP.81_a_03_TM1   | Understanding high-redshift star-<br>formation on 100-pc scales   | Rybak      | EU          | 12-m        | 3    |
| 16:04:36   | 17:03:51 | 2018.A.00047.S | iras_085_i_06_7M  | Shock-induced chemistry in the CSEs Cerrigone<br>of late-type stars: a pilot study                          |            | NA          | 7-m         | 6    |
| 16:51:45   | 18:03:18 | 2018.1.01056.S | zw_3146_a_03_TM1  | Understanding column densities<br>toward massive gas flows in gas-rich<br>central galaxies                  | Vantghem   | NA          | 12-m        | 3    |
| 21:26:32   | 22:42:23 | 2018.A.00056.S | R_CrA_j_06_7M     | Core mass function and formation<br>mechanism of very low-mass stars  | Tachihara  | EA          | 7-m         | 6    |
| 21:53:15   | 22:11:21 | 2018.1.00576.S | NGC_4593_b_03_TM1 | ALMA survey of coronal magnetic<br>activity of supermassive black holes in<br>nearby Seyfert galaxies       | Inoue      | EA          | 12-m        | 3    |
| 22:11:32   | 22:31:58 | 2018.1.00576.S | NGC_3783_b_03_TM1 | ALMA survey of coronal magnetic<br>activity of supermassive black holes in<br>nearby Seyfert galaxies       | Inoue      | EA          | 12-m        | 3    |

|          |          |                |                   |   |           |          |      |   |
|----------|----------|----------------|-------------------|---|-----------|----------|------|---|
| 22:32:06 | 22:50:00 | 2018.1.00576.S | IC_4329A_b_03_TM1 | ALMA survey of coronal magnetic activity of supermassive black holes in nearby Seyfert galaxies | Inoue     | EA       | 12-m | 3 |
| 22:42:33 | 23:55:48 | 2018.A.00056.S | R_CrA_d_06_7M     | Core mass function and formation mechanism of very low-mass stars                               | Tachihara | EA       | 7-m  | 6 |
| 22:50:08 | 23:08:17 | 2018.1.00576.S | AX_J1737_b_03_TM1 | ALMA survey of coronal magnetic activity of supermassive black holes in nearby Seyfert galaxies | Inoue     | EA       | 12-m | 3 |
| 23:08:54 | 00:34:38 | 2018.1.01205.L | L483_a_03_TM1     | Fifty AU SStudy of the chemistry in the disk/envelope system of Solar-like protostars (FAUST)   | Yamamoto  | EA EU NA | 12-m | 3 |
| 23:55:58 | 01:09:22 | 2018.A.00056.S | R_CrA_d_06_7M     | Core mass function and formation mechanism of very low-mass stars                               | Tachihara | EA       | 7-m  | 6 |

### 2019-08-19

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title   | PI         | Executive   | Array       | Band |
|------------|----------|----------------|-------------------|---|------------|-------------|-------------|------|
| 00:14:25   | 01:52:03 | 2017.1.01355.L | W51-E_a_06_TP     | ALMA-IMF: ALMA transforms our view of the origin of stellar masses                            | Motte      | CL EA EU NA | Total Power | 6    |
| 00:57:50   | 02:22:23 | 2018.1.01205.L | L483_a_03_TM1     | Fifty AU SStudy of the chemistry in the disk/envelope system of Solar-like protostars (FAUST) | Yamamoto   | EA EU NA    | 12-m        | 3    |
| 01:22:03   | 02:35:35 | 2018.A.00056.S | R_CrA_d_06_7M     | Core mass function and formation mechanism of very low-mass stars                             | Tachihara  | EA          | 7-m         | 6    |
| 01:55:25   | 03:25:04 | 2018.1.01259.S | BGPS4449_b_06_TP  | Probing the Structure and Chemistry of Previously Unexplored Giant Molecular Clouds           | Wilkins    | NA          | Total Power | 6    |
| 02:22:31   | 03:35:53 | 2018.1.01055.L | HD163296_b_03_TM1 | The Chemistry of Planet Formation   | Oberg      | CL EA EU NA | 12-m        | 3    |
| 02:36:26   | 04:05:52 | 2018.A.00056.S | R_CrA_a_06_7M     | Core mass function and formation mechanism of very low-mass stars                             | Tachihara  | EA          | 7-m         | 6    |
| 03:49:36   | 04:10:53 | 2018.1.00659.L | IRC-1052_b_06_TM2 | ATOMIUM: ALMA Tracing the Origins of Molecules In dUst-forming oxygen-rich M-type stars       | Decin      | EU NA       | 12-m        | 6    |
| 04:07:15   | 05:36:43 | 2018.A.00056.S | R_CrA_a_06_7M     | Core mass function and formation mechanism of very low-mass stars                             | Tachihara  | EA          | 7-m         | 6    |
| 04:11:55   | 04:32:54 | 2018.1.00659.L | IRC-1052_a_06_TM2 | ATOMIUM: ALMA Tracing the Origins of Molecules In dUst-forming oxygen-rich M-type stars       | Decin      | EU NA       | 12-m        | 6    |
| 04:33:02   | 04:53:59 | 2018.1.00659.L | IRC-1052_c_06_TM2 | ATOMIUM: ALMA Tracing the Origins of Molecules In dUst-forming oxygen-rich M-type stars       | Decin      | EU NA       | 12-m        | 6    |
| 04:54:05   | 05:56:53 | 2018.1.00366.S | ngc_6890_a_06_TM1 | Feeding and feedback in an unbiased and representative sample of AGN in the local Universe    | Malkan     | NA          | 12-m        | 6    |
| 05:36:55   | 06:52:52 | 2018.A.00049.S | NGC_346_b_03_7M   | ACA Observatory Project: SMC Band 3 mapping   | Agliozzo   | EU          | 7-m         | 3    |
| 05:57:01   | 07:07:31 | 2018.1.00974.S | J0224-2_a_03_TM1  | Kinematic Diversity at z~1.6: Resolving CO (2-1) in Gas-rich Cluster Galaxies                 | Noble      | NA          | 12-m        | 3    |
| 06:53:01   | 07:55:27 | 2018.A.00058.S | M_33_b_06_7M      | ACA CO(2-1) mapping toward the nearest spiral galaxy M 33                                     | Muraoka    | EA          | 7-m         | 6    |
| 07:07:38   | 08:18:57 | 2017.1.00001.S | UDF3_a_07_TM1     | A sub-kpc search for obscured substructures in z ~ 2 star-forming 'main-sequence' galaxies    | Rujopakarn | EA          | 12-m        | 7    |
| 07:55:36   | 08:57:57 | 2018.A.00058.S | M_33_b_06_7M      | ACA CO(2-1) mapping toward the nearest spiral galaxy M 33                                     | Muraoka    | EA          | 7-m         | 6    |
| 08:20:08   | 09:28:23 | 2017.1.00001.S | UDF3_a_07_TM1     | A sub-kpc search for obscured substructures in z ~ 2 star-forming 'main-sequence' galaxies    | Rujopakarn | EA          | 12-m        | 7    |
| 09:00:21   | 10:02:48 | 2018.A.00058.S | M_33_b_06_7M      | ACA CO(2-1) mapping toward the nearest spiral galaxy M 33                                     | Muraoka    | EA          | 7-m         | 6    |
| 09:29:46   | 10:38:48 | 2017.1.00001.S | UDF3_a_07_TM1     | A sub-kpc search for obscured substructures in z ~ 2 star-forming 'main-sequence' galaxies    | Rujopakarn | EA          | 12-m        | 7    |
| 10:07:17   | 11:43:38 | 2018.1.00921.S | 5MUSES_5_a_08_7M  | Exploring the link between [C I] and PAHs in star-forming galaxies                            | Cortzen    | EU          | 7-m         | 8    |
| 10:57:53   | 12:34:07 | 2017.1.00727.S | LkCa15_a_09_TM1   | The First Detection of the Circumplanetary Disk with ALMA                                     | Szulagyi   | EU          | 12-m        | 9    |

|          |          |                |                   |  |           |    |      |   |
|----------|----------|----------------|-------------------|--|-----------|----|------|---|
| 12:05:46 | 12:58:28 | 2018.A.00047.S | V510_Pup_f_06_7M  | Shock-induced chemistry in the CSEs of late-type stars: a pilot study  | Cerrigone | NA | 7-m  | 6 |
| 12:54:03 | 14:14:14 | 2018.1.01190.S | f16_b_06_TM1      | Chemistry in extremely FUV illuminated protoplanetary disks  | Guzman    | CL | 12-m | 6 |
| 14:14:22 | 14:52:38 | 2018.1.00222.S | AzTEC-3_b_06_TM1  | Into the Heart of Darkness: Imaging a "Maximum Starburst" Nucleus at ~95pc Resolution in the First Billion Years | Riechers  | NA | 12-m | 6 |
| 14:52:58 | 16:07:04 | 2018.1.01056.S | zw_3146_a_03_TM1  | Understanding column densities toward massive gas flows in gas-rich central galaxies                             | Vantyghem | NA | 12-m | 3 |
| 16:07:12 | 17:08:00 | 2018.1.01008.S | RXJ0911._a_03_TM1 | Gravitational lenses as cosmic telescopes: Resolving AGN feedback on 100-pc scales at z~3                        | Stacey    | EU | 12-m | 3 |