

ALMA Observing Activity from 2021-05-10T17:59:00 to 2021-05-17T18:00:00
QA0 pass executions

2021-05-10

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|------------|----------|----------------|-------------------|---|--------|-----------|-------|------|
| 19:26:46 | 21:05:26 | 2019.1.00377.S | V883_Ori_c_06_TM1 | Fresh sublimates in outburst object V883 Ori | Lee | EA | 12-m | 6 |
| 21:36:35 | 22:47:00 | 2019.1.00862.S | zC-40056_a_04_TM1 | Two birds with one stone: CO rotation curves of two main-sequence galaxies at z=1.5 and 2.2 | Bisbas | EU | 12-m | 4 |
| 22:47:08 | 23:52:35 | 2019.1.00862.S | zC-40056_a_04_TM1 | Two birds with one stone: CO rotation curves of two main-sequence galaxies at z=1.5 and 2.2 | Bisbas | EU | 12-m | 4 |

2021-05-11

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|------------|----------|----------------|------------------|---|----------|-----------|-------------|------|
| 00:17:40 | 01:27:31 | 2019.2.00014.S | Filament_a_03_TP | Line ratio mapping: recovering the Total Power in the northern filaments of Centaurus A | Salome | OTHER | Total Power | 3 |
| 02:20:34 | 03:53:22 | 2019.2.00093.S | G328.25-_d_03_TP | Newly discovered hot core precursors: early warm-up phase and diversity | Csengeri | EU | Total Power | 3 |
| 04:00:27 | 05:33:10 | 2019.2.00093.S | G328.25-_d_03_TP | Newly discovered hot core precursors: early warm-up phase and diversity | Csengeri | EU | Total Power | 3 |
| 05:23:46 | 06:32:40 | 2019.1.01641.S | Arp220_a_03_TM1 | CNO isotopes as probes of the IMF and chemical enrichment of galaxies | Zhang | EU | 12-m | 3 |
| 05:57:01 | 07:49:07 | 2018.1.00101.S | G11.0970_a_03_TP | The initial gas flow towards extremely young high-mass clumps | Feng | EA | Total Power | 3 |

2021-05-12

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|------------|----------|----------------|-------------------|---|----------|-----------|-------|------|
| 19:55:36 | 20:22:25 | 2019.1.00458.S | HH_270-M_a_06_TM2 | What is Carving the Gaps in Young, Embedded Disks? | Sheehan | NA | 12-m | 6 |
| 20:45:49 | 21:48:08 | 2018.1.00223.S | NGC3256_a_03_TM1 | Molecular Gas in Twin Galactic Outflows | Sakamoto | EA | 12-m | 3 |
| 22:43:16 | 23:53:26 | 2019.1.00862.S | zC-40056_a_04_TM1 | Two birds with one stone: CO rotation curves of two main-sequence galaxies at z=1.5 and 2.2 | Bisbas | EU | 12-m | 4 |
| 23:53:33 | 01:03:36 | 2019.1.00862.S | zC-40056_a_04_TM1 | Two birds with one stone: CO rotation curves of two main-sequence galaxies at z=1.5 and 2.2 | Bisbas | EU | 12-m | 4 |

2021-05-14

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|------------|----------|----------------|------------------|---|--------|-----------|-------------|------|
| 23:41:31 | 01:05:33 | 2019.2.00014.S | Filament_a_07_TP | Line ratio mapping: recovering the Total Power in the northern filaments of Centaurus A | Salome | OTHER | Total Power | 7 |

2021-05-15

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|------------|----------|----------------|-------------------|---|------------|-----------|-------------|------|
| 01:18:34 | 02:43:03 | 2019.2.00014.S | Filament_a_07_TP | Line ratio mapping: recovering the Total Power in the northern filaments of Centaurus A | Salome | OTHER | Total Power | 7 |
| 02:43:10 | 03:56:07 | 2019.2.00068.S | flow25_a_06_TP | The 'Missing Link': Gas Accretion Flows in the Galactic Bar toward the Central Molecular Zone | Ott | NA | Total Power | 6 |
| 03:56:40 | 05:10:47 | 2019.1.01400.S | W28_a_06_TP | A Quest for the Formation Mechanism of Molecular Filaments | Sano | EA | Total Power | 6 |
| 05:11:20 | 06:25:33 | 2019.1.01400.S | W28_a_06_TP | A Quest for the Formation Mechanism of Molecular Filaments | Sano | EA | Total Power | 6 |
| 05:43:33 | 05:59:50 | 2019.1.01324.T | Transien_a_03_TM1 | Constraining Jet Formation and Evolution with X-ray Binaries | Tetarenko | NA | 12-m | 3 |
| 06:09:38 | 07:16:09 | 2018.1.01634.S | IRS_63_a_07_TM1 | Chemistry Associated with the Protostellar Disk with the Youngest-Known Ringed Dust Structure | Segura-Cox | EU | 12-m | 7 |
| 08:52:59 | 09:47:42 | 2019.1.00261.L | IRAS32_a_06_TM2 | Early Planet Formation in Embedded Disks | Ohashi | EA EU NA | 12-m | 6 |
| 09:48:33 | 10:25:56 | 2019.1.00027.S | IRAS_222_a_07_TM1 | Molecular line flux ratios and | Imanishi | EA | 12-m | 7 |

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|----------|----------|----------------|-------------------|--|-----------|-------|-------------|---|
| 10:07:53 | 11:21:52 | 2019.1.01400.S | W28_a_06_TP | buried AGNs in merging ultraluminous infrared galaxies A Quest for the Formation Mechanism of Molecular Filaments | Sano | EA | Total Power | 6 |
| 10:31:40 | 10:53:35 | 2019.1.00027.S | IRAS_224_a_06_TM1 | Molecular line flux ratios and buried AGNs in merging ultraluminous infrared galaxies | Imanishi | EA | 12-m | 6 |
| 11:21:59 | 12:25:24 | 2018.A.00056.S | R_CrA_g_06_TP | Core mass function and formation mechanism of very low-mass stars | Tachihara | EA | Total Power | 6 |
| 21:53:19 | 23:04:08 | 2019.2.00062.S | Horsekne_a_06_TP | Unlocking the Potential of the Most Definitive Molecular Tracer of UV-Enhancement: I-C3H+ | Lipnicky | NA | Total Power | 6 |
| 21:55:05 | 22:52:02 | 2019.1.00110.S | G09-8380_a_06_TM1 | Dynamical Properties of Dusty Star-Forming Galaxies in the Peak Epoch of Star Formation | Riechers | NA | 12-m | 6 |
| 22:52:11 | 00:24:15 | 2019.1.00233.S | PKS1138-_a_07_TM1 | Pinpointing dust-enshrouded star-forming regions within young proto-cluster galaxies at z=2.16 | Koyama | EA | 12-m | 7 |
| 23:04:17 | 00:28:45 | 2019.2.00014.S | Filament_a_07_TP | Line ratio mapping: recovering the Total Power in the northern filaments of Centaurus A | Salome | OTHER | Total Power | 7 |

2021-05-16

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|------------|----------|----------------|-------------------|--|------------|-----------|-------------|------|
| 00:44:42 | 02:08:52 | 2019.2.00014.S | Filament_a_07_TP | Line ratio mapping: recovering the Total Power in the northern filaments of Centaurus A | Salome | OTHER | Total Power | 7 |
| 01:52:54 | 03:21:37 | 2019.1.01784.S | 20mJy_a_1_07_TM1 | Knocking on the door of Large Lens Samples with ALMA | Bakx | EA | 12-m | 7 |
| 02:09:00 | 03:33:25 | 2019.2.00014.S | Filament_a_07_TP | Line ratio mapping: recovering the Total Power in the northern filaments of Centaurus A | Salome | OTHER | Total Power | 7 |
| 03:21:45 | 04:31:13 | 2018.1.01634.S | IRS_63_a_07_TM1 | Chemistry Associated with the Protostellar Disk with the Youngest-Known Ringed Dust Structure | Segura-Cox | EU | 12-m | 7 |
| 03:33:34 | 04:47:58 | 2019.1.01400.S | W28_m_06_TP | A Quest for the Formation Mechanism of Molecular Filaments | Sano | EA | Total Power | 6 |
| 10:44:17 | 11:45:19 | 2018.A.00056.S | R_CrA_l_06_TP | Core mass function and formation mechanism of very low-mass stars | Tachihara | EA | Total Power | 6 |
| 11:35:58 | 11:59:18 | 2019.1.01197.S | PJ011646_a_06_TM1 | Probing Gas, Dust, Stars, and Star Formation Activity down to 100-pc Scales using Strong Gravitational Lensing | Kamieneski | NA | 12-m | 6 |
| 20:34:55 | 21:36:18 | 2019.2.00044.S | 30_Dorad_c_06_TP | ACA Mapping of the Largest Supergiant HII Region in the Nearby Universe: 30 Doradus | Bolatto | NA | Total Power | 6 |
| 22:18:14 | 23:18:54 | 2019.2.00044.S | 30_Dorad_b_06_TP | ACA Mapping of the Largest Supergiant HII Region in the Nearby Universe: 30 Doradus | Bolatto | NA | Total Power | 6 |
| 22:37:13 | 00:05:58 | 2019.1.01784.S | 20mJy_a_1_07_TM1 | Knocking on the door of Large Lens Samples with ALMA | Bakx | EA | 12-m | 7 |

2021-05-17

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|------------|----------|----------------|-------------------|---|------------------------|-----------|-------|------|
| 00:25:48 | 01:55:18 | 2019.1.01784.S | 20mJy_a_1_07_TM1 | Knocking on the door of Large Lens Samples with ALMA | Bakx | EA | 12-m | 7 |
| 02:45:59 | 03:23:57 | 2019.1.00014.S | circinus_a_07_TM1 | Direct imaging of the multi-phase AGN torus of the Circinus galaxy | Izumi | EA | 12-m | 7 |
| 03:38:05 | 05:10:51 | 2019.1.00768.S | G358.93_b_07_TM1 | Tracking the lifetime and resolving the properties of the massive protostellar accretion outburst in G358.93-0.03 | Brogan | NA | 12-m | 7 |
| 05:25:53 | 06:07:46 | 2019.1.00195.L | 48727_a_06_TM1 | ALMAGAL: ALMA Evolutionary study of High Mass Protocluster Formation in the Galaxy | Molinari | EA EU NA | 12-m | 6 |
| 06:09:13 | 07:48:09 | 2019.1.00362.S | IRS_44_a_07_TM1 | Revealing the presence of accretion shocks | Artur de la Villarmois | EU | 12-m | 7 |
| 07:56:26 | 09:16:51 | 2019.1.00912.S | Serpens_a_07_TM1 | A second epoch of Serpens South's most spectacular outflow | Plunkett | NA | 12-m | 7 |
| 09:17:00 | 10:46:02 | 2019.1.00912.S | Serpens_a_07_TM1 | A second epoch of Serpens South's most spectacular outflow | Plunkett | NA | 12-m | 7 |