# ALMA Observing Activity from 2021-09-20T17:59:00 to 2021-09-27T18:00:00
## QA0 pass executions

### 2021-09-27

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 10:56:02 | 12:00:24 | 2019.2.00234.S | VY_CMa_a_06_7M | The remarkable 268 GHz line of water: a new tracer of the inner wind of evolved stars? | Wong | EU | 7-m | 6 |
| 10:35:34 | 11:38:48 | 2019.1.00566.S | 2MASS_J0_i_06_TM1 | An Unbiased Survey of Disk Structures and Planet Formation around Very Low-mass Stars in Taurus | Herczeg | OTHER | 12-m | 6 |
| 10:00:21 | 10:54:36 | 2019.2.00096.S | IC443_k_06_7M | A study of molecular clouds interacting with cosmic rays in the supernova remnant IC 443 | Kokusho | EA | 7-m | 6 |
| 09:00:52 | 10:35:27 | 2019.1.01337.S | HOPS-409_a_07_TM1 | Identifying Dust Settling in the Early Stages of Disks | Lin | NA | 12-m | 7 |
| 08:43:58 | 09:59:21 | 2019.2.00164.S | W0410-09_c_06_7M | Water as a tracer of the ISM conditions in high-z active galaxies: A pilot study on hot dust obscured galaxies. | Stanley | EU | 7-m | 6 |
| 07:36:03 | 08:58:54 | 2019.1.00570.S | HH_211_a_07_TM1 | Probing Jet Rotation in a Protostellar Jet | Jhan | EA | 12-m | 7 |
| 06:14:04 | 07:33:51 | 2019.1.00570.S | HH_211_a_07_TM1 | Probing Jet Rotation in a Protostellar Jet | Jhan | EA | 12-m | 7 |
| 04:56:37 | 06:01:26 | 2019.1.00854.S | ngc1068_b_07_TM1 | The counter rotating molecular torus of NGC 1068 | Gallimore | NA | 12-m | 7 |
| 04:27:49 | 05:52:50 | 2019.2.00037.S | ESO_353-_a_06_7M | An ALMA CO(2-1) ACA Survey of Luminous Infrared Galaxies in GOALS | Evans | NA | 7-m | 6 |
| 03:14:26 | 04:26:01 | 2019.2.00227.S | ESO297-G_a_06_7M | Starbursting GMCs in Nearby (Ultra-)Luminous Infrared Galaxies | Saito | EU | 7-m | 6 |
| 02:14:48 | 03:13:02 | 2019.2.00028.S | NGC7194_a_06_7M | A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE | Bolatto | NA | 7-m | 6 |
| 00:26:24 | 01:43:56 | 2019.1.00502.S | W43-MM1_a_03_TM1 | Searching for high-mass pre-stellar cores in an exceptional nursery | Louvet | CL | 12-m | 3 |

### 2021-09-26

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 23:06:28 | 00:24:46 | 2019.1.00502.S | W43-MM1_a_03_TM1 | Searching for high-mass pre-stellar cores in an exceptional nursery | Louvet | CL | 12-m | 3 |
| 21:52:28 | 23:18:54 | 2019.2.00028.S | NGC6427_a_06_7M | A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE | Bolatto | NA | 7-m | 6 |
| 20:43:14 | 22:03:37 | 2018.1.01066.S | HD_13534_a_06_TM1 | Confirming the planetary nature of candidate companions in the cavity of HD135344B | Casassus | CL | 12-m | 6 |
| 19:18:40 | 20:42:59 | 2019.1.00329.S | IRAS_143_a_06_TM1 | The most extreme stellar feedback seen at GMC/A scales: ULIRGs at 45 mas | Pereira Santaella | EU | 12-m | 6 |
| 17:58:50 | 19:04:27 | 2019.2.00227.S | ic4518_b_06_7M | Starbursting GMCs in Nearby (Ultra-)Luminous Infrared Galaxies | Saito | EU | 7-m | 6 |
| 17:36:28 | 19:02:32 | 2019.1.00039.S | W_Hya_a_03_TM1 | The surface magnetic field of AGB stars: Zeeman measurements of atmospheric OH | Vlemmings | EU | 12-m | 3 |
| 16:47:20 | 17:58:44 | 2019.2.00230.S | LEDA_837_a_06_7M | ALMA Survey of Coma Cluster Jellyfish Galaxies | Jachym | EU | 7-m | 6 |
| 16:06:14 | 17:36:22 | 2019.1.00039.S | W_Hya_a_03_TM1 | The surface magnetic field of AGB stars: Zeeman measurements of atmospheric OH | Vlemmings | EU | 12-m | 3 |
| 14:54:54 | 15:51:36 | 2019.1.01757.S | IRAS_F12_a_03_TM1 | The importance of the AGN-driven molecular outflows in a representative sample of nearby ULIRGs | Tadhunter | EU | 12-m | 3 |
| 13:50:37 | 14:50:26 | 2019.2.00120.S | IRAS_104_b_07_7M | The Nearby Evolved Stars Survey: quantifying the gas and dust return to the Galactic | Scicluna | EA | 7-m | 7 |

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| | | | | interstellar medium | | | | |
| 12:52:18 | 14:21:55 | 2019.1.01091.S | HD97048_a_06_TM1 | Revealing planet migration via dust substructures in isolated outer disks | Perez | CL | 12-m | 6 |
| 12:37:47 | 13:41:39 | 2019.2.00120.S | IRAS_083_b_07_7M | The Nearby Evolved Stars Survey: quantifying the gas and dust return to the Galactic interstellar medium | Scicluna | EA | 7-m | 7 |
| 11:44:31 | 12:37:41 | 2019.2.00120.S | IRAS_075_c_07_7M | The Nearby Evolved Stars Survey: quantifying the gas and dust return to the Galactic interstellar medium | Scicluna | EA | 7-m | 7 |
| 11:36:19 | 12:52:13 | 2019.1.01259.S | A611_Rin_a_04_TM1 | Cold gas and dust distributions around a precisely localized AGN in a dust-obscured star-forming disk at z = 1.9 | Rujopakarn | OTHER | 12-m | 4 |
| 08:48:19 | 10:29:34 | 2019.1.01695.S | L1527_a_07_TM1 | Exploring Dust Evolution and Sub-structure Formation in an Infant Disk around a Class 0 Protostar | Sakai | EA | 12-m | 7 |
| 07:39:40 | 08:22:45 | 2019.1.01337.S | HOPS-409_a_07_TM1 | Identifying Dust Settling in the Early Stages of Disks | Lin | NA | 12-m | 7 |
| 02:27:37 | 04:28:10 | 2019.2.00164.S | W0149+23_a_07_7M | Water as a tracer of the ISM conditions in high-z active galaxies: A pilot study on hot dust obscured galaxies. | Stanley | EU | 7-m | 7 |
| 01:47:17 | 02:59:29 | 2019.1.00613.S | NGC7582_a_07_TM1 | Dissecting molecular tori of Seyfert galaxies | Garcia-Burillo | EU | 12-m | 7 |
| 00:35:00 | 01:27:37 | 2019.2.00028.S | MCG-02-5_a_06_7M | A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE | Bolatto | NA | 7-m | 6 |
| 00:00:35 | 01:33:21 | 2019.1.00255.S | C1-Sa_a_06_TM1 | Earliest Stage of Massive Binary Formation in Infrared Dark Cloud | Kong | NA | 12-m | 6 |

**2021-09-25**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 22:31:16 | 00:00:29 | 2019.1.01167.S | HT_Lup_a_07_TM1 | Impact of interactions in the compact triple system HT Lup | Kurtovic | CL | 12-m | 7 |
| 22:18:52 | 23:26:26 | 2019.2.00112.S | Sgr_B2_N_b_06_7M | Moving Past Small Number Statistics in Astrochemistry: An ACA Molecular Survey of 25 Hot Cores | McGuire | NA | 7-m | 6 |
| 21:08:53 | 22:29:21 | 2018.1.01066.S | HD_13534_a_06_TM1 | Confirming the planetary nature of candidate companions in the cavity of HD135344B | Casassus | CL | 12-m | 6 |
| 20:45:38 | 22:11:19 | 2019.2.00133.S | G353_a_03_7M | Kinematic mapping of the filamentary high-mass star formation scenario | Liu | CL | 7-m | 3 |
| 18:24:43 | 19:44:24 | 2019.2.00134.S | NGC_5128_a_03_7M | An ACA Survey of Dense Gas in Nearby Galaxies | Usero | EU | 7-m | 3 |
| 16:16:46 | 17:44:44 | 2019.2.00166.S | Musca_a_06_7M | Velocity and density power spectra along the Musca filament: Hints to the origin of the star formation properties | Arzoumanian | EU | 7-m | 6 |
| 14:23:52 | 15:03:48 | 2019.2.00120.S | IRAS_101_a_06_7M | The Nearby Evolved Stars Survey: quantifying the gas and dust return to the Galactic interstellar medium | Scicluna | EA | 7-m | 6 |
| 13:47:36 | 14:23:03 | 2019.2.00120.S | IRAS_104_a_06_7M | The Nearby Evolved Stars Survey: quantifying the gas and dust return to the Galactic interstellar medium | Scicluna | EA | 7-m | 6 |
| 12:43:10 | 13:40:09 | 2019.2.00128.S | CRLE_a_07_7M | A Comprehensive [CII] Survey of Herschel-Selected Starbursts at z=3-6 | Riechers | NA | 7-m | 7 |
| 12:23:52 | 13:40:01 | 2019.1.00592.S | IRC+1021_a_06_TM1 | The physical conditions and spatial structure of the dust formation zone of IRC+10216 | Cernicharo | EU | 12-m | 6 |
| 12:14:53 | 12:43:08 | 2019.2.00034.S | PKS0823+_a_08_7M | Resolving systematics in the Planck sub-millimetre spectra of radio-loud AGNs | Ramakrishnan | CL | 7-m | 8 |
| 11:40:27 | 12:13:58 | 2019.2.00034.S | PKS0735+_a_08_7M | Resolving systematics in the Planck sub-millimetre spectra of radio-loud AGNs | Ramakrishnan | CL | 7-m | 8 |
| 11:26:36 | 12:23:48 | 2019.1.00592.S | IRC+1021_b_06_TM1 | The physical conditions and spatial structure of the dust | Cernicharo | EU | 12-m | 6 |

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| | | | | formation zone of IRC+10216 | | | | |
| 09:41:00 | 10:47:45 | 2019.1.00492.S | S255IR-S_a_06_TM1 | Weighing massive protostars with salts | Ginsburg | NA | 12-m | 6 |
| 09:28:14 | 10:31:37 | 2019.2.00234.S | VY_CMa_a_06_7M | The remarkable 268 GHz line of water: a new tracer of the inner wind of evolved stars? | Wong | EU | 7-m | 6 |
| 08:19:43 | 09:33:17 | 2019.1.00760.T | GRB21091_c_03_TM1 | Characterization of Short GRB Afterglows | Huang | EA | 12-m | 3 |
| 07:00:01 | 08:59:51 | 2019.1.01635.S | NGC1365_b_08_7M | Comprehensive study of the physical conditions of the molecular gas in the inner 5-7 kpc of two star-forming galaxies | Liu | EU | 7-m | 8 |
| 06:28:05 | 07:55:34 | 2019.1.00273.S | NGC1672_a_07_TM1 | Zooming into molecular tori | Combes | EU | 12-m | 7 |
| 03:06:39 | 05:07:12 | 2019.2.00053.S | P009-10_a_08_7M | First direct measurements of dust temperature in quasars at cosmic dawn | Decarli | EU | 7-m | 8 |
| 02:36:16 | 03:05:52 | 2019.2.00034.S | OX057_a_07_7M | Resolving systematics in the Planck sub-millimetre spectra of radio-loud AGNs | Ramakrishnan | CL | 7-m | 7 |
| 01:14:31 | 02:24:00 | 2019.1.00145.S | W33A_b_06_TM1 | Filamentary streamers, accretion flows, multiplicity and disks in the proto-O star W33A | Maud | EU | 12-m | 6 |
| 00:44:06 | 02:36:11 | 2019.2.00039.S | NGC_7293_e_08_7M | Mapping Neutral Carbon in the Helix Planetary Nebula | Bublitz | NA | 7-m | 8 |

**2021-09-24**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 23:21:50 | 00:54:19 | 2019.1.00255.S | C1-Sa_a_06_TM1 | Earliest Stage of Massive Binary Formation in Infrared Dark Cloud | Kong | NA | 12-m | 6 |
| 22:32:49 | 23:25:14 | 2019.2.00120.S | IRAS_175_b_07_7M | The Nearby Evolved Stars Survey: quantifying the gas and dust return to the Galactic interstellar medium | Scicluna | EA | 7-m | 7 |
| 21:52:07 | 23:21:44 | 2019.1.01167.S | HT_Lup_a_07_TM1 | Impact of interactions in the compact triple system HT Lup | Kurtovic | CL | 12-m | 7 |
| 21:39:05 | 22:32:40 | 2019.2.00120.S | IRAS_173_b_07_7M | The Nearby Evolved Stars Survey: quantifying the gas and dust return to the Galactic interstellar medium | Scicluna | EA | 7-m | 7 |
| 11:27:39 | 12:00:39 | 2019.1.00476.S | VY_CMa_a_06_TM1 | Temperature and density of the innermost ejecta around the Red Supergiant VY CMa | Quintana-Lacaci | EU | 12-m | 6 |
| 10:32:32 | 12:03:44 | 2019.2.00078.S | G208N2_a_07_7M | Ortho-H2D+ in the cores close to the onset of star formation | Hirano | EA | 7-m | 7 |
| 10:05:10 | 11:27:34 | 2019.1.00177.S | Red_Rect_a_07_TM1 | The dusty disk in the Red Rectangle | Bujarrabal | EU | 12-m | 7 |
| 09:19:33 | 10:32:26 | 2019.2.00040.S | macsj052_a_07_7M | Extended Dust Profile of z~2 Cluster-Lensed Submillimeter Galaxies | Sun | NA | 7-m | 7 |
| 08:38:53 | 10:04:11 | 2019.1.00273.S | NGC1672_a_07_TM1 | Zooming into molecular tori | Combes | EU | 12-m | 7 |
| 08:19:03 | 08:38:47 | 2019.1.00350.T | Supernov_g_03_TM1 | Investigating A Diversity in The Final Evolutions of Massive Stars toward Supernovae | Maeda | EA | 12-m | 3 |
| 08:00:10 | 09:19:25 | 2019.A.00028.S | Betelgeu_i_03_7M | The fall and rise of Betelgeuse: diving in its ejecta with ACA | Agliozzo | EU | 7-m | 3 |
| 07:05:20 | 08:18:56 | 2019.1.00760.T | GRB21091_c_03_TM1 | Characterization of Short GRB Afterglows | Huang | EA | 12-m | 3 |
| 06:31:47 | 08:00:03 | 2019.2.00246.S | ALESS_12_a_07_7M | The impact of accreting black-holes on the molecular gas excitation in dusty star forming galaxies | Calistro Rivera | EU | 7-m | 7 |
| 05:47:54 | 06:55:23 | 2019.1.00854.S | ngc1068_b_07_TM1 | The counter rotating molecular torus of NGC 1068 | Gallimore | NA | 12-m | 7 |
| 05:20:05 | 06:31:40 | 2019.2.00227.S | ESO297-G_a_06_7M | Starbursting GMCs in Nearby (Ultra-)Luminous Infrared Galaxies | Saito | EU | 7-m | 6 |
| 04:00:09 | 05:19:58 | 2019.2.00037.S | NGC7592E_a_06_7M | An ALMA CO(2-1) ACA Survey of Luminous Infrared Galaxies in GOALS | Evans | NA | 7-m | 6 |
| 02:50:27 | 04:02:59 | 2019.2.00037.S | NGC_6907_a_06_TP | An ALMA CO(2-1) ACA Survey of Luminous Infrared Galaxies in GOALS | Evans | NA | Total Power | 6 |

**2021-09-23**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
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|---|---|---|---|---|---|---|---|---|
| 09:44:46 | 10:53:49 | 2019.1.00760.T | GRB21091_b_04_TM1 | Characterization of Short GRB Afterglows | Huang | EA | 12-m | 4 |
| 08:35:54 | 10:34:46 | 2019.1.01635.S | NGC1365_b_08_7M | Comprehensive study of the physical conditions of the molecular gas in the inner 5-7 kpc of two star-forming galaxies | Liu | EU | 7-m | 8 |
| 07:58:58 | 08:34:04 | 2019.A.00028.S | Betelgeu_j_06_7M | The fall and rise of Betelgeuse: diving in its ejecta with ACA | Agliozzo | EU | 7-m | 6 |
| 05:31:18 | 06:58:27 | 2019.2.00028.S | NGC0731_a_06_7M | A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE | Bolatto | NA | 7-m | 6 |
| 05:30:43 | 07:01:09 | 2019.1.00854.S | ngc1068_a_06_TM1 | The counter rotating molecular torus of NGC 1068 | Gallimore | NA | 12-m | 6 |
| 04:04:06 | 05:29:08 | 2019.2.00015.S | DDO_216_a_06_7M | Wide-Field CO Survey of 4 Metal-Poor Dwarf Galaxies | Imara | NA | 7-m | 6 |
| 04:00:19 | 05:18:09 | 2019.1.01072.S | omi_Cet_a_06_TM1 | Mira. The first AGB star in a triple system ? | Alcolea | EU | 12-m | 6 |
| 03:42:23 | 04:59:28 | 2019.2.00037.S | NGC_6926_a_06_TP | An ALMA CO(2-1) ACA Survey of Luminous Infrared Galaxies in GOALS | Evans | NA | Total Power | 6 |
| 02:03:55 | 03:01:57 | 2019.2.00028.S | NGC7194_a_06_7M | A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE | Bolatto | NA | 7-m | 6 |
| 02:00:31 | 03:29:48 | 2019.1.00166.S | R_Aqr_a_07_TM1 | Further observations of R Aqr | Bujarrabal | EU | 12-m | 7 |
| 00:32:33 | 01:52:18 | 2019.1.01463.S | I18308c1_a_06_TM1 | Gas accretion in the last thousand AU around high-mass protostars: filamentary streamers or disks? | Cheng | NA | 12-m | 6 |

### 2021-09-22

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 23:32:33 | 01:01:45 | 2019.2.00133.S | G353_a_03_7M | Kinematic mapping of the filamentary high-mass star formation scenario | Liu | CL | 7-m | 3 |
| 22:06:55 | 23:32:27 | 2019.2.00133.S | G353_a_03_7M | Kinematic mapping of the filamentary high-mass star formation scenario | Liu | CL | 7-m | 3 |
| 12:11:35 | 13:36:14 | 2019.2.00135.S | Region7_a_03_7M | The effect of the massive stellar feedback across the Carina Nebula Complex | Rebolledo | NA | 7-m | 3 |
| 09:22:24 | 10:44:49 | 2019.2.00132.S | Seo09_a_03_7M | Spatial Distribution of COMs within a Starless Core | Scibelli | NA | 7-m | 3 |
| 05:11:21 | 06:38:18 | 2019.2.00218.S | basic19+_a_03_7M | ACA Linescan of 2 z>5 SMGs in the CDF-S | Bauer | CL | 7-m | 3 |
| 03:48:25 | 05:10:13 | 2019.2.00126.S | NGC_7252_a_03_7M | Can Isotopologue Line Ratios Probe the IMF in Extremely Star-Forming Galaxies? | Brown | NA | 7-m | 3 |
| 02:04:37 | 03:43:57 | 2019.2.00067.S | SPT-CLJ2_a_03_7M | A Search for Shocks in the Rare Massive Merging Cluster SPT-CLJ2031-4037 | Mroczkowski | EU | 7-m | 3 |
| 00:12:11 | 01:51:29 | 2019.2.00067.S | SPT-CLJ2_a_03_7M | A Search for Shocks in the Rare Massive Merging Cluster SPT-CLJ2031-4037 | Mroczkowski | EU | 7-m | 3 |

### 2021-09-21

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 21:51:30 | 23:19:47 | 2019.2.00252.S | rho_Oph_a_03_7M | Spectral variations of spinning dust emission in the Oph W PDR: the role of ions. | Vidal | CL | 7-m | 3 |
| 15:13:22 | 16:03:57 | 2019.2.00166.S | Musca_a_03_7M | Velocity and density power spectra along the Musca filament: Hints to the origin of the star formation properties | Arzoumanian | EU | 7-m | 3 |
| 14:40:13 | 16:00:11 | 2019.1.00426.S | HATLAS_J_a_04_TM1 | Dark matter halo substructure at z>1 | Serjeant | EU | 12-m | 4 |
| 13:45:30 | 15:05:40 | 2019.2.00135.S | Region7_a_03_7M | The effect of the massive stellar feedback across the Carina Nebula Complex | Rebolledo | NA | 7-m | 3 |
| 12:20:13 | 13:44:56 | 2019.2.00135.S | Region7_a_03_7M | The effect of the massive stellar feedback across the Carina Nebula Complex | Rebolledo | NA | 7-m | 3 |
| 09:57:25 | 11:23:39 | 2019.2.00218.S | basic19+_a_03_7M | ACA Linescan of 2 z>5 SMGs in the CDF-S | Bauer | CL | 7-m | 3 |
| 07:59:28 | 09:22:01 | 2019.2.00132.S | Seo09_a_03_7M | Spatial Distribution of COMs | Scibelli | NA | 7-m | 3 |

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| | | | | within a Starless Core | | | | |
| 07:39:17 | 08:53:09 | 2019.1.00760.T | GRB21091_b_03_TM1 | Characterization of Short GRB Afterglows | Huang | EA | 12-m | 3 |
| 06:28:59 | 07:54:50 | 2019.2.00218.S | basic19+_d_03_7M | ACA Linescan of 2 z>5 SMGs in the CDF-S | Bauer | CL | 7-m | 3 |
| 05:06:30 | 06:24:59 | 2019.1.01072.S | omi_Cet_a_06_TM1 | Mira. The first AGB star in a triple system ? | Alcolea | EU | 12-m | 6 |
| 04:26:21 | 05:47:56 | 2019.2.00126.S | NGC_7252_a_03_7M | Can Isotopologue Line Ratios Probe the IMF in Extremely Star-Forming Galaxies? | Brown | NA | 7-m | 3 |
| 02:46:13 | 04:25:56 | 2019.2.00067.S | SPT-CLJ2_a_03_7M | A Search for Shocks in the Rare Massive Merging Cluster SPT-CLJ2031-4037 | Mroczkowski | EU | 7-m | 3 |
| 01:34:22 | 02:45:35 | 2019.2.00097.S | L429C_a_03_7M | Probing the physical and chemical structure of dense cores: toward understanding methanol formation | Harsono | EA | 7-m | 3 |

**2021-09-20**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 23:31:52 | 00:47:19 | 2019.2.00097.S | L429C_a_03_7M | Probing the physical and chemical structure of dense cores: toward understanding methanol formation | Harsono | EA | 7-m | 3 |
| 22:14:30 | 23:30:02 | 2019.2.00097.S | L429C_a_03_7M | Probing the physical and chemical structure of dense cores: toward understanding methanol formation | Harsono | EA | 7-m | 3 |
| 20:49:44 | 22:14:24 | 2019.2.00052.S | NGC5850_a_03_7M | Systematically Measuring CO emission of Double-Barred Galaxies | Wu | EA | 7-m | 3 |
| 19:22:51 | 20:42:10 | 2019.2.00134.S | NGC_5128_a_03_7M | An ACA Survey of Dense Gas in Nearby Galaxies | Usero | EU | 7-m | 3 |
| 18:10:23 | 18:59:32 | 2019.1.01032.T | GRB_TOO_f_03_TM1 | A Precision Test of Gamma-ray Burst Afterglow Models | Perley | EU | 12-m | 3 |