# ALMA Observing Activity from 2022-08-15T17:59:00 to 2022-08-22T18:00:00
## QA0 pass executions

### 2022-08-22

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 11:28:30 | 13:05:11 | 2021.1.01323.S | SXDF-NB1_a_09_TM1 | Detecting [OIII] 52 micron emission at a z=7 galaxy to better constrain ISM properties | Ren | EA | 12-m | 9 |
| 11:18:52 | 12:55:43 | 2021.2.00008.S | N132D_C_a_07_7M | Heating Processes in Supernova-Shocked Clouds: Multi-J CO Line Survey toward the Magellanic Supernova Remnants | Sano | EA | 7-m | 7 |
| 10:04:35 | 11:17:39 | 2021.1.00927.S | Betelgeu_n_03_7M | The fall and rise of Betelgeuse: diving in its ejecta with ACA | Agliozzo | EU | 7-m | 3 |
| 09:33:44 | 11:20:18 | 2018.1.01438.S | l1448-mm_a_09_TM1 | Where does high-velocity water emission originate in protostellar systems? | Kristensen | EU | 12-m | 9 |
| 08:29:03 | 09:57:12 | 2021.1.00999.S | M33_b_06_7M | A Complete Molecular Gas Map of M33 with the ACA | Koch | NA | 7-m | 6 |
| 07:40:06 | 09:18:54 | 2021.1.01323.S | SXDF-NB1_a_09_TM1 | Detecting [OIII] 52 micron emission at a z=7 galaxy to better constrain ISM properties | Ren | EA | 12-m | 9 |
| 06:51:25 | 08:19:59 | 2021.1.00999.S | M33_e_06_7M | A Complete Molecular Gas Map of M33 with the ACA | Koch | NA | 7-m | 6 |
| 06:47:21 | 07:32:05 | 2021.1.00666.S | AS2UDS00_a_05_TM1 | Testing theories of the excitation of CO in strongly star-forming galaxies | Smail | EU | 12-m | 5 |
| 05:35:04 | 06:51:21 | 2021.2.00092.S | SGAS2111_a_03_7M | Revealing the molecular gas content of low-metallicity low mass strongly lensed galaxies | Solimano | CL | 7-m | 3 |
| 05:30:39 | 06:47:18 | 2021.1.00133.S | GLASS302_a_05_TM1 | Resolving the effects of environment on molecular gas in Abell 370 | Brown | NA | 12-m | 5 |
| 05:09:33 | 05:35:01 | 2019.2.00120.S | IRAS_204_b_06_7M | The Nearby Evolved Stars Survey: quantifying the gas and dust return to the Galactic interstellar medium | Scicluna | EA | 7-m | 6 |
| 04:47:20 | 05:30:36 | 2021.1.01006.S | SGAS_J00_a_04_TM2 | Revealing the cold ISM properties at 150pc scales in a strongly lensed UV-bright star-forming galaxy at Cosmic Noon | Solimano | CL | 12-m | 4 |
| 04:41:01 | 05:08:10 | 2021.2.00005.S | HD_19960_b_06_7M | Millimeter photometry of the disks around Herbig AeBe stars | Williams | NA | 7-m | 6 |
| 03:50:13 | 04:42:42 | 2021.1.00709.S | HD_17921_a_03_TM2 | First measurment of the gas surface density of a planet-forming disk | Trapman | NA | 12-m | 3 |

### 2022-08-21

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 17:20:30 | 18:37:22 | 2021.1.00280.L | DEIMOS_C_k_07_TM1 | CRISTAL: a survey of gas, dust and stars on kiloparsec scales in star-forming galaxies at z~4-5 | Herrera-Camus | CL EA EU NA | 12-m | 7 |
| 17:18:05 | 18:34:40 | 2021.1.01616.L | IC4040_a_06_7M | ALMA JELLY - Survey of Nearby Jellyfish and Ram Pressure Stripped Galaxies | Jachym | EA EU NA | 7-m | 6 |
| 15:54:52 | 16:54:33 | 2021.1.00815.S | COSMOS-S_c_05_TM1 | Testing structure formation, quenching and gas accretion models with a sample of 36 groups/clusters at 2<z<3.5 | Daddi | EU | 12-m | 5 |
| 15:46:39 | 17:18:01 | 2021.2.00092.S | SGAS0900_a_07_7M | Revealing the molecular gas content of low-metallicity low mass strongly lensed galaxies | Solimano | CL | 7-m | 7 |
| 15:33:56 | 15:54:49 | 2021.1.00311.S | G291.27-_a_06_TM1 | Submillimeter Continuum of Massive Star Forming Cores with Class II Methanol Masers | Liu | EA | 12-m | 6 |
| 13:21:57 | 13:39:47 | 2021.1.01705.S | HD_38238_a_06_TM1 | A mm snapshot survey of nearby young stars observed in scattered light | Ginski | EU | 12-m | 6 |
| 13:00:14 | 13:21:21 | 2021.1.01705.S | 2MASS_J0_a_06_TM1 | A mm snapshot survey of nearby young stars observed in scattered light | Ginski | EU | 12-m | 6 |
| 12:06:50 | 13:39:58 | 2021.2.00064.S | J0439+16_a_08_7M | First direct measurements of dust temperature in quasars at cosmic dawn | Decarli | EU | 7-m | 8 |
| 11:19:51 | 11:43:46 | 2021.2.00180.S | PKS0528+_a_07_7M | Resolving systematics in the Planck sub-millimetre spectra of | Ramakrishnan | CL | 7-m | 7 |

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|---|---|---|---|---|---|---|---|---|
| | | | | radio-loud AGNs | | | | |
| 11:05:38 | 12:46:55 | 2021.1.00418.S | Per50_a_07_TM1 | ALPPS: a survey of polarization toward the youngest protostars in the Perseus molecular cloud | Hull | EA | 12-m | 7 |
| 09:55:38 | 11:17:06 | 2019.2.00044.S | 30_Dorad_a_06_7M | ACA Mapping of the Largest Supergiant HII Region in the Nearby Universe: 30 Doradus | Bolatto | NA | 7-m | 6 |
| 09:25:11 | 11:05:34 | 2021.1.00418.S | Per50_a_07_TM1 | ALPPS: a survey of polarization toward the youngest protostars in the Perseus molecular cloud | Hull | EA | 12-m | 7 |
| 07:33:44 | 09:25:03 | 2021.1.00418.S | Per50_a_07_TM1 | ALPPS: a survey of polarization toward the youngest protostars in the Perseus molecular cloud | Hull | EA | 12-m | 7 |
| 07:07:24 | 08:38:36 | 2021.2.00176.S | C_a_07_7M | SPT0303-59: The most extreme protocluster candidate from the SPT sample | Sulzenauer | EU | 7-m | 7 |
| 06:35:19 | 07:04:27 | 2021.2.00180.S | NGC1052_a_07_7M | Resolving systematics in the Planck sub-millimetre spectra of radio-loud AGNs | Ramakrishnan | CL | 7-m | 7 |
| 06:14:31 | 07:33:40 | 2021.1.00518.S | SMC_YSO_b_07_TM1 | Chemical survey of high-mass YSOs in the Small Magellanic Cloud | Zahorecz | EA | 12-m | 7 |
| 04:57:50 | 06:14:27 | 2021.1.00518.S | SMC_YSO_a_07_TM1 | Chemical survey of high-mass YSOs in the Small Magellanic Cloud | Zahorecz | EA | 12-m | 7 |
| 03:12:39 | 04:27:42 | 2021.1.00067.S | 0007.0_a_07_TM1 | Resolving the 870 m dust emission in high-redshift SMGs: Fuelling starbursts through bars and rings? | Swinbank | EU | 12-m | 7 |
| 01:22:09 | 02:51:02 | 2018.1.00769.S | IRS63_a_07_TM1 | Dust Polarization in Young Protostellar Disks: Constraints on Dust Grain Growth | Sadavoy | NA | 12-m | 7 |
| 00:16:42 | 02:40:33 | 2021.1.00828.S | PANSTARR_a_10_7M | Validating the range of D/H ratios in our Solar System's primitive H2O reservoir | Cordiner | NA | 7-m | 10 |

**2022-08-20**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 23:40:31 | 01:19:48 | 2018.1.00769.S | IRS63_a_07_TM1 | Dust Polarization in Young Protostellar Disks: Constraints on Dust Grain Growth | Sadavoy | NA | 12-m | 7 |
| 18:43:15 | 19:06:33 | 2021.2.00180.S | PKS1413+_a_07_7M | Resolving systematics in the Planck sub-millimetre spectra of radio-loud AGNs | Ramakrishnan | CL | 7-m | 7 |
| 18:19:56 | 18:54:12 | 2021.1.01500.S | cid_1143_a_03_TM1 | Unravelling the pathways of AGN-driven quenching in high-redshift galaxies | Rosario | EU | 12-m | 3 |
| 18:04:30 | 19:24:27 | 2021.2.00012.S | ngc2915_a_03_TP | Unveiling cold molecular gas in the blue compact dwarf galaxy NGC 2915 | Miyamoto | EA | Total Power | 3 |
| 17:15:04 | 18:42:12 | 2021.1.01644.S | NGC2903_a_06_7M | Probing the Excitation and the Mass-Luminosity Conversion Factor of the Dense, Star Forming Gas Across Galaxy Disks | García-Rodríguez | EU | 7-m | 6 |
| 17:12:26 | 18:19:09 | 2021.1.01467.S | COSMOSVL_a_03_TM1 | Illuminating the dark side of star formation at z > 3 | Talia | EU | 12-m | 3 |
| 16:37:25 | 16:54:43 | 2021.1.00168.S | W0831+01_a_06_TM1 | CO SLEDs of Hot DOGs at z~3 | Faerber | EU | 12-m | 6 |
| 16:37:21 | 17:57:03 | 2021.2.00012.S | ngc2915_a_03_TP | Unveiling cold molecular gas in the blue compact dwarf galaxy NGC 2915 | Miyamoto | EA | Total Power | 3 |
| 15:49:57 | 17:15:00 | 2021.1.01644.S | NGC2903_a_06_7M | Probing the Excitation and the Mass-Luminosity Conversion Factor of the Dense, Star Forming Gas Across Galaxy Disks | García-Rodríguez | EU | 7-m | 6 |
| 15:23:12 | 16:36:21 | 2021.2.00012.S | ngc2915_a_08_TP | Unveiling cold molecular gas in the blue compact dwarf galaxy NGC 2915 | Miyamoto | EA | Total Power | 8 |
| 14:49:50 | 16:19:48 | 2021.1.00280.L | DEIMOS_C_h_07_TM1 | CRISTAL: a survey of gas, dust and stars on kiloparsec scales in star-forming galaxies at z~4-5 | Herrera-Camus | CL EA EU NA | 12-m | 7 |
| 14:06:03 | 15:26:22 | 2019.2.00044.S | 30_Dorad_a_06_7M | ACA Mapping of the Largest Supergiant HII Region in the Nearby Universe: 30 Doradus | Bolatto | NA | 7-m | 6 |
| 14:05:33 | 15:15:14 | 2021.2.00008.S | N132D_C_a_07_TP | Heating Processes in Supernova-Shocked Clouds: Multi-J CO Line Survey toward the Magellanic Supernova Remnants | Sano | EA | Total Power | 7 |

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|---|---|---|---|---|---|---|---|---|
| 13:37:01 | 14:44:37 | 2021.1.00982.S | GM_Aur_b_07_TM1 | A survey of H2CO lines in protoplanetary disks | Guzman | CL | 12-m | 7 |
| 13:18:48 | 13:36:57 | 2021.1.00311.S | G232.620_a_06_TM1 | Submillimeter Continuum of Massive Star Forming Cores with Class II Methanol Masers | Liu | EA | 12-m | 6 |
| 13:03:17 | 13:18:28 | 2021.1.01705.S | RECX_11_a_06_TM1 | A mm snapshot survey of nearby young stars observed in scattered light | Ginski | EU | 12-m | 6 |
| 12:45:00 | 14:01:10 | 2019.2.00044.S | 30_Dorad_b_06_7M | ACA Mapping of the Largest Supergiant HII Region in the Nearby Universe: 30 Doradus | Bolatto | NA | 7-m | 6 |
| 12:34:26 | 13:45:03 | 2021.2.00008.S | N132D_C_a_07_TP | Heating Processes in Supernova-Shocked Clouds: Multi-J CO Line Survey toward the Magellanic Supernova Remnants | Sano | EA | Total Power | 7 |
| 11:44:28 | 12:43:28 | 2021.1.00138.S | GM_Aur_a_07_TM1 | Constraining Ionization in a Diverse Sample of Protoplanetary Disks | Cleeves | NA | 12-m | 7 |
| 11:20:07 | 12:26:58 | 2021.2.00030.S | N63A_NE_a_07_TP | Investigating the CI/CO Abundance Ratio of Shock-Excited Gas in the Magellanic Supernova Remnant N63A | Sano | EA | Total Power | 7 |
| 11:13:15 | 11:43:38 | 2021.1.01676.S | ALESS007_a_07_TM1 | A CO census of high-redshift submillimetre galaxies in ECDFS | Thomson | EU | 12-m | 7 |
| 10:55:03 | 11:40:35 | 2021.2.00062.S | J0516_a_06_7M | Time Filler: Feedback Scaling Relations for Gas Infall and Outflows in Massive Starburst Galaxies at Redshifts 1.5-6 | Riechers | NA | 7-m | 6 |
| 10:02:56 | 11:18:51 | 2021.1.01415.S | LMC_N206_a_08_TP | Tracing evolution of giant molecular clouds in the Large Magellanic Cloud: CI view | Kawamura | EA | Total Power | 8 |
| 09:28:05 | 11:06:26 | 2021.1.01323.S | SXDF-NB1_a_09_TM1 | Detecting [OIII] 52 micron emission at a z=7 galaxy to better constrain ISM properties | Ren | EA | 12-m | 9 |
| 09:00:22 | 10:02:52 | 2021.1.01099.S | TMC1_a_03_TP | Revealing the Physical Properties of Fibers in the TMC-1 Filament | Nakamura | EA | Total Power | 3 |
| 07:55:00 | 09:19:44 | 2021.1.01441.S | NGC_253_a_09_TM1 | Can cosmic rays drive outflows?: chemical diagnostics toward the nearest starburst NGC 253 | Yoshimura | EA | 12-m | 9 |
| 07:39:10 | 09:10:43 | 2021.1.00999.S | M33_w_06_7M | A Complete Molecular Gas Map of M33 with the ACA | Koch | NA | 7-m | 6 |
| 06:41:02 | 07:35:47 | 2021.2.00062.S | J0202_a_05_7M | Time Filler: Feedback Scaling Relations for Gas Infall and Outflows in Massive Starburst Galaxies at Redshifts 1.5-6 | Riechers | NA | 7-m | 5 |
| 06:11:00 | 07:30:12 | 2021.1.00518.S | SMC_YSO_b_07_TM1 | Chemical survey of high-mass YSOs in the Small Magellanic Cloud | Zahorecz | EA | 12-m | 7 |
| 05:24:23 | 06:40:58 | 2021.2.00011.S | helms28_a_05_7M | A Careful Calibration of New Molecular Feedback Tracers in the Early Universe | Riechers | NA | 7-m | 5 |
| 04:53:47 | 06:10:56 | 2021.1.00518.S | SMC_YSO_a_07_TM1 | Chemical survey of high-mass YSOs in the Small Magellanic Cloud | Zahorecz | EA | 12-m | 7 |
| 04:30:41 | 05:48:04 | 2021.2.00164.S | SS433_kn_d_03_TP | Study of microquasar SS433 as a cosmic-ray particle accelerator | Sakemi | EA | Total Power | 3 |
| 04:23:47 | 04:52:31 | 2021.1.00693.S | B335_c_07_TM1 | Formation of complex organics around protostars in isolated cores | Jorgensen | EU | 12-m | 7 |
| 04:06:24 | 05:24:19 | 2021.2.00147.S | chi_cyg_b_06_7M | Tracing the role of AGB stars in the Galactic Fluorine budget | Saberi | OTHER | 7-m | 6 |
| 03:20:26 | 04:30:37 | 2021.1.00172.L | Sgr_A_st_ac_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 03:08:35 | 04:23:43 | 2021.1.00067.S | 0007.0_a_07_TM1 | Resolving the 870 m dust emission in high-redshift SMGs: Fuelling starbursts through bars and rings? | Swinbank | EU | 12-m | 7 |
| 02:23:26 | 03:08:02 | 2021.1.01474.S | G11.92-0_a_08_TM1 | Magnetic Fields in a High Mass Starless Core Candidate | Fissel | NA | 12-m | 8 |
| 02:07:20 | 03:19:12 | 2021.1.00172.L | Sgr_A_st_a_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 01:37:11 | 02:17:37 | 2021.1.00693.S | B335_d_07_TM1 | Formation of complex organics around protostars in isolated cores | Jorgensen | EU | 12-m | 7 |
| 00:53:34 | 02:07:13 | 2021.1.00172.L | Sgr_A_st_ac_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |

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|---|---|---|---|---|---|---|---|---|
| 00:45:02 | 02:50:00 | 2021.1.00828.S | PANSTARR_a_10_7M | Validating the range of D/H ratios in our Solar System's primitive H2O reservoir | Cordiner | NA | 7-m | 10 |
| 00:44:07 | 01:16:51 | 2021.1.00693.S | B335_b_07_TM1 | Formation of complex organics around protostars in isolated cores | Jorgensen | EU | 12-m | 7 |
| 00:12:52 | 00:44:02 | 2021.1.00693.S | L483_b_07_TM1 | Formation of complex organics around protostars in isolated cores | Jorgensen | EU | 12-m | 7 |

**2022-08-19**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 23:35:39 | 23:59:28 | 2021.1.00172.L | Sgr_A_st_ac_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 23:10:40 | 00:08:03 | 2021.1.00279.S | NGC4945_a_08_TM2 | Probing Black Hole Mass in Seyfert AGN Using Atomic-Carbon Gas | Nguyen | NA | 12-m | 8 |
| 22:25:02 | 23:35:35 | 2021.1.00172.L | Sgr_A_st_ac_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 21:46:30 | 23:10:37 | 2021.1.00279.S | Circinus_a_08_TM2 | Probing Black Hole Mass in Seyfert AGN Using Atomic-Carbon Gas | Nguyen | NA | 12-m | 8 |
| 21:24:23 | 22:55:48 | 2021.1.01616.L | IC4040_a_06_7M | ALMA JELLY - Survey of Nearby Jellyfish and Ram Pressure Stripped Galaxies | Jachym | EA EU NA | 7-m | 6 |
| 21:09:24 | 22:24:58 | 2021.2.00001.S | flow21_a_06_TP | The 'Missing Link': Gas Accretion Flows in the Galactic Bar toward the Central Molecular Zone | Ott | NA | Total Power | 6 |
| 20:51:41 | 21:15:44 | 2021.1.01205.S | MP_Mus_b_07_TM2 | Unveiling the young stellar populations in two close benchmarking sparse young moving groups | Caceres | CL | 12-m | 7 |
| 12:45:41 | 13:05:47 | 2021.1.01019.S | MCG+02-2_a_06_TM2 | High Resolution Observations of the Molecular Gas in AGN Hosted by Major Galaxy Mergers | Treister | CL | 12-m | 6 |
| 11:47:49 | 13:05:35 | 2021.1.01415.S | LMC_N206_b_08_TP | Tracing evolution of giant molecular clouds in the Large Magellanic Cloud: CI view | Kawamura | EA | Total Power | 8 |
| 11:38:03 | 12:36:53 | 2021.1.00138.S | GM_Aur_a_07_TM1 | Constraining Ionization in a Diverse Sample of Protoplanetary Disks | Cleeves | NA | 12-m | 7 |
| 11:05:54 | 12:12:59 | 2021.1.00265.S | hls0455_a_08_7M | A Comprehensive [CII] Survey of Herschel-Selected Starbursts at z=3-6 | Riechers | NA | 7-m | 8 |
| 10:35:40 | 11:37:16 | 2021.1.00138.S | MWC_480_a_07_TM1 | Constraining Ionization in a Diverse Sample of Protoplanetary Disks | Cleeves | NA | 12-m | 7 |
| 10:29:12 | 11:45:52 | 2021.1.01415.S | LMC_N206_b_08_TP | Tracing evolution of giant molecular clouds in the Large Magellanic Cloud: CI view | Kawamura | EA | Total Power | 8 |
| 09:56:38 | 11:05:49 | 2021.2.00099.S | NGC_1614_a_09_7M | Studying the Warm Gas in local Luminous Infrared Galaxies | Barcos-Munoz | NA | 7-m | 9 |
| 09:27:21 | 10:33:39 | 2021.1.01034.S | Uranus_a_07_TM1 | Tracing Signatures of Infall onto Uranus | Luszcz-Cook | NA | 12-m | 7 |
| 09:25:10 | 10:29:08 | 2021.2.00030.S | N63A_W_a_08_TP | Investigating the CI/CO Abundance Ratio of Shock-Excited Gas in the Magellanic Supernova Remnant N63A | Sano | EA | Total Power | 8 |
| 08:45:24 | 09:56:34 | 2021.1.00265.S | helms11_a_08_7M | A Comprehensive [CII] Survey of Herschel-Selected Starbursts at z=3-6 | Riechers | NA | 7-m | 8 |
| 07:40:39 | 08:57:26 | 2021.1.00133.S | GLASS302_a_05_TM1 | Resolving the effects of environment on molecular gas in Abell 370 | Brown | NA | 12-m | 5 |
| 07:33:38 | 08:45:20 | 2021.1.00265.S | hers20_a_08_7M | A Comprehensive [CII] Survey of Herschel-Selected Starbursts at z=3-6 | Riechers | NA | 7-m | 8 |
| 07:05:44 | 07:40:35 | 2021.1.01246.S | RXCJ0032_b_04_TM1 | Spectroscopic identification of candidate overdensity regions of H-dropout ALMA galaxies behind two lensing clusters | Kohno | EA | 12-m | 4 |
| 05:41:54 | 06:21:57 | 2021.2.00052.S | HerBS-75_c_03_7M | The Home Straight - CO Redshifts of Herschel's Brightest SMGs | Bakx | EA | 7-m | 3 |
| 05:18:05 | 06:28:34 | 2021.1.01098.S | G_20-2_a_05_TM2 | The clump-scale ISM in gravitationally unstable discs at z~0.1 | Liu | EU | 12-m | 5 |

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| 04:41:43 | 05:58:29 | 2021.2.00164.S | SS433_kn_d_03_TP | Study of microquasar SS433 as a cosmic-ray particle accelerator | Sakemi | EA | Total Power | 3 |
| 04:41:05 | 05:37:47 | 2021.2.00052.S | HerBS-19_a_03_7M | The Home Straight - CO Redshifts of Herschel's Brightest SMGs | Bakx | EA | 7-m | 3 |
| 04:21:19 | 05:18:01 | 2021.1.00511.S | ADF22.A1_a_05_TM1 | A unique ALMA view: a pilot study of turbulent multi-phase high-redshift protocluster regions exploiting OH+ and CH+ | Umehata | EA | 12-m | 5 |
| 03:00:03 | 03:20:47 | 2021.2.00001.S | flow13_a_06_TP | The 'Missing Link': Gas Accretion Flows in the Galactic Bar toward the Central Molecular Zone | Ott | NA | Total Power | 6 |
| 02:50:31 | 04:14:57 | 2021.1.01014.S | IRAS_201_a_06_TM1 | SO and CCH Zeeman in IRAS 20126+4104: Measuring Magnetic Fields around a High-mass Protostar | Harrison | NA | 12-m | 6 |
| 01:17:53 | 02:50:24 | 2021.1.01014.S | IRAS_201_a_06_TM1 | SO and CCH Zeeman in IRAS 20126+4104: Measuring Magnetic Fields around a High-mass Protostar | Harrison | NA | 12-m | 6 |

**2022-08-18**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 23:55:14 | 00:51:58 | 2021.A.00028.S | PKS1830-_a_07_TM1 | Removing line blending contamination from H3O+ Band 10 observations of PKS1830-211 | Muller | EU | 12-m | 7 |
| 23:32:36 | 00:00:37 | 2021.2.00177.S | G337.40-_a_06_7M | 'Shaping' the outflows of massive protostars | Zhang | EA | 7-m | 6 |
| 20:26:46 | 21:18:29 | 2021.1.00279.S | NGC5765B_a_08_TM2 | Probing Black Hole Mass in Seyfert AGN Using Atomic-Carbon Gas | Nguyen | NA | 12-m | 8 |
| 19:27:00 | 20:13:40 | 2021.1.00306.S | IRAS_F12_a_05_TM1 | Testing the SFE bimodality: measuring the CO-to-H2 conversion factor in ULIRGs using 13CO | Lamperti | EU | 12-m | 5 |
| 18:29:50 | 19:49:46 | 2021.2.00012.S | ngc2915_a_03_TP | Unveiling cold molecular gas in the blue compact dwarf galaxy NGC 2915 | Miyamoto | EA | Total Power | 3 |
| 18:15:23 | 19:14:19 | 2021.1.00838.S | J1057_a_03_TM1 | Stars or Black Holes? What mechanisms cause the rapid shutdown of star formation at the end of a burst? | French | NA | 12-m | 3 |
| 18:12:06 | 19:35:26 | 2021.1.01616.L | IC4040_a_06_7M | ALMA JELLY - Survey of Nearby Jellyfish and Ram Pressure Stripped Galaxies | Jachym | EA EU NA | 7-m | 6 |
| 17:37:26 | 18:14:40 | 2021.1.00815.S | COSMOS-S_c_04_TM1 | Testing structure formation, quenching and gas accretion models with a sample of 36 groups/clusters at 2<z<3.5 | Daddi | EU | 12-m | 4 |
| 17:01:44 | 18:21:43 | 2021.2.00012.S | ngc2915_a_03_TP | Unveiling cold molecular gas in the blue compact dwarf galaxy NGC 2915 | Miyamoto | EA | Total Power | 3 |
| 16:29:36 | 17:53:25 | 2021.1.01644.S | NGC2903_a_06_7M | Probing the Excitation and the Mass-Luminosity Conversion Factor of the Dense, Star Forming Gas Across Galaxy Disks | García-Rodríguez | EU | 7-m | 6 |
| 15:57:59 | 16:21:30 | 2021.1.00927.S | Betelgeu_n_07_7M | The fall and rise of Betelgeuse: diving in its ejecta with ACA | Agliozzo | EU | 7-m | 7 |
| 15:46:58 | 17:01:40 | 2021.2.00084.S | Sh2-283-_b_06_TP | Revealing large-scale structure of molecular clouds in a low-metallicity environment of the outer Galaxy | Momose | EA | Total Power | 6 |
| 15:26:45 | 16:00:29 | 2021.1.00815.S | COSMOS-S_a_04_TM1 | Testing structure formation, quenching and gas accretion models with a sample of 36 groups/clusters at 2<z<3.5 | Daddi | EU | 12-m | 4 |
| 14:44:15 | 15:17:44 | 2021.1.00815.S | COSMOS-S_b_04_TM1 | Testing structure formation, quenching and gas accretion models with a sample of 36 groups/clusters at 2<z<3.5 | Daddi | EU | 12-m | 4 |
| 14:21:04 | 15:39:26 | 2021.2.00012.S | ngc2915_a_03_TP | Unveiling cold molecular gas in the blue compact dwarf galaxy NGC 2915 | Miyamoto | EA | Total Power | 3 |
| 13:52:35 | 14:54:24 | 2021.2.00077.S | 2MASXJ05_a_03_7M | Tending the Fire: A Survey of Molecular Gas Fueling in Powerful Nearby AGN | Koss | NA | 7-m | 3 |
| 13:40:02 | 14:43:22 | 2021.1.01018.S | J1509-17_b_06_TM1 | The Birth of Giants: Assembly of the First Massive Galaxies | Bosman | EU | 12-m | 6 |

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| 13:11:36 | 14:14:02 | 2021.2.00181.S | B35a_b_03_TP | Tracing the UV Field Across Star-forming Cloud B35a | Smith | EU | Total Power | 3 |
| 12:50:15 | 13:37:59 | 2021.1.01500.S | cdfs_542_a_03_TM1 | Unravelling the pathways of AGN-driven quenching in high-redshift galaxies | Rosario | EU | 12-m | 3 |
| 12:49:51 | 13:51:56 | 2021.2.00077.S | 2MASXJ05_a_03_7M | Tending the Fire: A Survey of Molecular Gas Fueling in Powerful Nearby AGN | Koss | NA | 7-m | 3 |
| 12:05:30 | 13:11:04 | 2021.2.00030.S | N63A_W_a_08_TP | Investigating the CI/CO Abundance Ratio of Shock-Excited Gas in the Magellanic Supernova Remnant N63A | Sano | EA | Total Power | 8 |
| 11:26:19 | 12:42:22 | 2019.2.00044.S | 30_Dorad_a_06_7M | ACA Mapping of the Largest Supergiant HII Region in the Nearby Universe: 30 Doradus | Bolatto | NA | 7-m | 6 |
| 11:25:59 | 12:34:38 | 2021.1.01018.S | P089-15_a_06_TM1 | The Birth of Giants: Assembly of the First Massive Galaxies | Bosman | EU | 12-m | 6 |
| 11:07:36 | 11:24:35 | 2021.1.00311.S | G183.348_a_06_TM1 | Submillimeter Continuum of Massive Star Forming Cores with Class II Methanol Masers | Liu | EA | 12-m | 6 |
| 10:46:29 | 11:05:37 | 2021.1.00311.S | G173.482_a_06_TM1 | Submillimeter Continuum of Massive Star Forming Cores with Class II Methanol Masers | Liu | EA | 12-m | 6 |
| 10:32:39 | 11:37:40 | 2021.2.00030.S | N63A_W_a_08_TP | Investigating the CI/CO Abundance Ratio of Shock-Excited Gas in the Magellanic Supernova Remnant N63A | Sano | EA | Total Power | 8 |
| 10:31:30 | 10:46:25 | 2021.A.00026.S | SN2018iv_a_03_TM1 | Clarifying onset of strong binary interaction in SN 2018ivc 1000 years before its demise | Maeda | EA | 12-m | 3 |
| 10:09:57 | 10:31:26 | 2021.A.00026.S | SN2018iv_a_06_TM1 | Clarifying onset of strong binary interaction in SN 2018ivc 1000 years before its demise | Maeda | EA | 12-m | 6 |
| 10:09:45 | 11:26:12 | 2019.2.00044.S | 30_Dorad_a_06_7M | ACA Mapping of the Largest Supergiant HII Region in the Nearby Universe: 30 Doradus | Bolatto | NA | 7-m | 6 |
| 09:19:41 | 10:29:57 | 2021.2.00008.S | N132D_C_a_07_TP | Heating Processes in Supernova-Shocked Clouds: Multi-J CO Line Survey toward the Magellanic Supernova Remnants | Sano | EA | Total Power | 7 |
| 09:15:40 | 10:09:54 | 2021.1.01070.S | 2MASX_J0_a_03_TM1 | Mapping the Host Galaxy Dynamics of a Possible GW Recoiling AGN | Hogg | NA | 12-m | 3 |
| 08:39:32 | 10:09:41 | 2021.1.00999.S | M33_ac_06_7M | A Complete Molecular Gas Map of M33 with the ACA | Koch | NA | 7-m | 6 |
| 08:04:14 | 09:13:17 | 2021.1.01147.S | Neptune_a_06_TM1 | Searching for Phosphine in the Atmospheres of the Ice Giants | Akins | NA | 12-m | 6 |
| 07:34:22 | 08:02:13 | 2021.1.01500.S | cdfs_230_a_03_TM1 | Unravelling the pathways of AGN-driven quenching in high-redshift galaxies | Rosario | EU | 12-m | 3 |
| 07:08:14 | 08:39:28 | 2021.1.00999.S | M33_aa_06_7M | A Complete Molecular Gas Map of M33 with the ACA | Koch | NA | 7-m | 6 |
| 05:45:33 | 07:08:10 | 2021.1.01644.S | NGC628_a_06_7M | Probing the Excitation and the Mass-Luminosity Conversion Factor of the Dense, Star Forming Gas Across Galaxy Disks | García-Rodríguez | EU | 7-m | 6 |
| 03:24:48 | 04:37:14 | 2021.1.00172.L | Sgr_A_st_v_03_7M | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | 7-m | 3 |
| 02:26:22 | 03:18:45 | 2021.1.00709.S | HD_17921_a_03_TM2 | First measurment of the gas surface density of a planet-forming disk | Trapman | NA | 12-m | 3 |
| 01:32:37 | 02:44:15 | 2021.1.00172.L | Sgr_A_st_ac_03_7M | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | 7-m | 3 |
| 01:17:30 | 02:22:47 | 2021.1.00095.S | I17158-3_a_06_TM1 | Searching for massive starless core candidates in proto-stellar clusters | Zhu | CL | 12-m | 6 |

**2022-08-17**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 15:26:08 | 16:14:19 | 2021.1.00306.S | IRAS_101_a_05_TM1 | Testing the SFE bimodality: measuring the CO-to-H2 conversion factor in ULIRGs using 13CO | Lamperti | EU | 12-m | 5 |
| 14:35:46 | 15:10:16 | 2021.1.00927.S | Betelgeu_n_06_7M | The fall and rise of Betelgeuse: diving in its ejecta with ACA | Agliozzo | EU | 7-m | 6 |
| 14:19:03 | 15:20:15 | 2021.1.00306.S | IRAS_101_a_05_TM1 | Testing the SFE bimodality: | Lamperti | EU | 12-m | 5 |

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| | | | | measuring the CO-to-H2 conversion factor in ULIRGs using 13CO | | | | |
| 13:15:16 | 14:34:45 | 2021.1.00367.S | 30_Dorad_g_06_7M | ACA Mapping of the Largest Supergiant HII Region in the Nearby Universe: 30 Doradus | Bolatto | NA | 7-m | 6 |
| 12:53:59 | 14:09:05 | 2021.1.00306.S | IRAS_072_a_05_TM1 | Testing the SFE bimodality: measuring the CO-to-H2 conversion factor in ULIRGs using 13CO | Lamperti | EU | 12-m | 5 |
| 11:57:10 | 13:07:38 | 2021.2.00008.S | N132D_C_a_07_TP | Heating Processes in Supernova-Shocked Clouds: Multi-J CO Line Survey toward the Magellanic Supernova Remnants | Sano | EA | Total Power | 7 |
| 11:52:43 | 12:53:56 | 2021.1.00138.S | MWC_480_a_07_TM1 | Constraining Ionization in a Diverse Sample of Protoplanetary Disks | Cleeves | NA | 12-m | 7 |
| 11:48:35 | 13:07:30 | 2021.1.00367.S | 30_Dorad_g_06_7M | ACA Mapping of the Largest Supergiant HII Region in the Nearby Universe: 30 Doradus | Bolatto | NA | 7-m | 6 |
| 10:46:34 | 11:47:46 | 2021.2.00062.S | J0441_a_05_7M | Time Filler: Feedback Scaling Relations for Gas Infall and Outflows in Massive Starburst Galaxies at Redshifts 1.5-6 | Riechers | NA | 7-m | 5 |
| 10:46:12 | 11:57:05 | 2021.2.00008.S | N132D_C_a_07_TP | Heating Processes in Supernova-Shocked Clouds: Multi-J CO Line Survey toward the Magellanic Supernova Remnants | Sano | EA | Total Power | 7 |
| 10:21:32 | 11:34:01 | 2021.1.01015.S | SPT0311-_a_05_TM1 | Characterization of highly excited gas in the most distant submillimeter galaxy | Tadaki | EA | 12-m | 5 |
| 08:55:57 | 10:20:06 | 2021.1.01018.S | P065+01_a_07_TM1 | The Birth of Giants: Assembly of the First Massive Galaxies | Bosman | EU | 12-m | 7 |
| 08:44:45 | 09:21:30 | 2021.1.01099.S | TMC1_a_03_TP | Revealing the Physical Properties of Fibers in the TMC-1 Filament | Nakamura | EA | Total Power | 3 |
| 07:43:17 | 08:55:53 | 2021.1.01015.S | SPT0311-_a_05_TM1 | Characterization of highly excited gas in the most distant submillimeter galaxy | Tadaki | EA | 12-m | 5 |
| 07:41:06 | 08:52:26 | 2021.1.00265.S | herbs73_a_08_7M | A Comprehensive [CII] Survey of Herschel-Selected Starbursts at z=3-6 | Riechers | NA | 7-m | 8 |

**2022-08-16**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 17:59:03 | 19:19:04 | 2021.1.01159.S | COS2987_a_06_TM1 | Witnessing the Assembly of a Massive Rotating Disk Galaxy In the Epoch of Reionization | Posses | CL | 12-m | 6 |
| 16:58:03 | 18:09:07 | 2021.2.00175.S | WB89_104_a_06_TP | An ACA census of Galactic metal-poor molecular clouds | Lin | OTHER | Total Power | 6 |
| 16:39:55 | 18:03:35 | 2021.1.01644.S | NGC2903_a_06_7M | Probing the Excitation and the Mass-Luminosity Conversion Factor of the Dense, Star Forming Gas Across Galaxy Disks | García-Rodríguez | EU | 7-m | 6 |
| 16:22:59 | 17:44:08 | 2021.1.01159.S | COS2987_a_06_TM1 | Witnessing the Assembly of a Massive Rotating Disk Galaxy In the Epoch of Reionization | Posses | CL | 12-m | 6 |
| 15:37:19 | 16:50:47 | 2021.2.00175.S | WB89_985_a_06_TP | An ACA census of Galactic metal-poor molecular clouds | Lin | OTHER | Total Power | 6 |
| 14:40:49 | 16:10:14 | 2021.1.01328.S | COSJ0957_a_07_TM1 | Testing to ~100pc the co-spatiality of intense star formation and supermassive black hole growth at z ~ 2 | Rujopakarn | OTHER | 12-m | 7 |
| 14:28:30 | 15:55:50 | 2021.1.01644.S | NGC2903_a_06_7M | Probing the Excitation and the Mass-Luminosity Conversion Factor of the Dense, Star Forming Gas Across Galaxy Disks | García-Rodríguez | EU | 7-m | 6 |
| 14:22:57 | 15:36:50 | 2021.2.00175.S | WB89_101_a_06_TP | An ACA census of Galactic metal-poor molecular clouds | Lin | OTHER | Total Power | 6 |
| 13:42:56 | 14:28:26 | 2021.2.00062.S | J0529_a_06_7M | Time Filler: Feedback Scaling Relations for Gas Infall and Outflows in Massive Starburst Galaxies at Redshifts 1.5-6 | Riechers | NA | 7-m | 6 |
| 13:01:54 | 14:15:48 | 2021.2.00008.S | N132D_S_a_06_TP | Heating Processes in Supernova-Shocked Clouds: Multi-J CO Line Survey toward the Magellanic Supernova Remnants | Sano | EA | Total Power | 6 |
| 12:48:45 | 14:22:33 | 2021.1.00675.S | HS0810+2_a_07_TM1 | New constraints on dark matter | Stacey | EU | 12-m | 7 |

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| | | | | models with strongly lensed quasars | | | | |
| 11:43:56 | 13:11:09 | 2021.2.00030.S | N63A_NE_a_07_7M | Investigating the CI/CO Abundance Ratio of Shock-Excited Gas in the Magellanic Supernova Remnant N63A | Sano | EA | 7-m | 7 |
| 11:40:14 | 12:53:58 | 2021.2.00008.S | N132D_S_a_06_TP | Heating Processes in Supernova-Shocked Clouds: Multi-J CO Line Survey toward the Magellanic Supernova Remnants | Sano | EA | Total Power | 6 |
| 11:33:03 | 12:34:52 | 2021.1.00138.S | MWC_480_a_07_TM1 | Constraining Ionization in a Diverse Sample of Protoplanetary Disks | Cleeves | NA | 12-m | 7 |
| 10:25:55 | 11:39:47 | 2021.2.00008.S | N132D_S_a_06_TP | Heating Processes in Supernova-Shocked Clouds: Multi-J CO Line Survey toward the Magellanic Supernova Remnants | Sano | EA | Total Power | 6 |
| 10:19:39 | 11:32:49 | 2021.1.00501.S | XMM-VID1_a_07_TM1 | Do Truly Quiescent Massive Galaxies Exist at 3<z<4? | Forrest | NA | 12-m | 7 |
| 09:56:57 | 10:19:35 | 2021.1.00675.S | HE0230-2_a_06_TM1 | New constraints on dark matter models with strongly lensed quasars | Stacey | EU | 12-m | 6 |
| 09:36:57 | 09:56:46 | 2021.1.00675.S | SDSSJ024_a_06_TM1 | New constraints on dark matter models with strongly lensed quasars | Stacey | EU | 12-m | 6 |
| 09:23:13 | 10:25:50 | 2021.1.01099.S | TMC1_a_03_TP | Revealing the Physical Properties of Fibers in the TMC-1 Filament | Nakamura | EA | Total Power | 3 |
| 08:52:22 | 10:22:30 | 2021.1.00999.S | M33_d_06_7M | A Complete Molecular Gas Map of M33 with the ACA | Koch | NA | 7-m | 6 |
| 08:30:18 | 09:36:50 | 2021.1.01018.S | P060+24_a_06_TM1 | The Birth of Giants: Assembly of the First Massive Galaxies | Bosman | EU | 12-m | 6 |
| 08:26:34 | 09:23:08 | 2021.2.00140.S | M308_a_06_TP | What is the origin of rotational motions in dense cores? | Ohashi | EA | Total Power | 6 |
| 07:35:03 | 08:29:46 | 2021.1.01070.S | 2MASX_J0_a_03_TM1 | Mapping the Host Galaxy Dynamics of a Possible GW Recoiling AGN | Hogg | NA | 12-m | 3 |
| 07:20:47 | 08:52:18 | 2021.1.00999.S | M33_z_06_7M | A Complete Molecular Gas Map of M33 with the ACA | Koch | NA | 7-m | 6 |
| 05:58:01 | 07:31:55 | 2021.1.01052.S | J2037-45_a_07_TM1 | Confirming a close quasar pair or a gravitationally lensed quasar at z=5.66 | Yue | NA | 12-m | 7 |
| 05:43:35 | 07:08:04 | 2021.2.00011.S | helms9_a_07_7M | A Careful Calibration of New Molecular Feedback Tracers in the Early Universe | Riechers | NA | 7-m | 7 |
| 04:53:25 | 06:11:04 | 2021.2.00164.S | SS433_kn_d_03_TP | Study of microquasar SS433 as a cosmic-ray particle accelerator | Sakemi | EA | Total Power | 3 |
| 04:28:10 | 05:43:31 | 2021.2.00147.S | chi_cyg_b_06_7M | Tracing the role of AGB stars in the Galactic Fluorine budget | Saberi | OTHER | 7-m | 6 |
| 04:01:34 | 05:01:28 | 2021.1.00874.S | 211531_a_07_TM1 | Star Formation and the Turbulent Interstellar Medium of Lyman Break Galaxy Analogs | Wu | NA | 12-m | 7 |
| 03:43:04 | 04:53:21 | 2021.1.00172.L | Sgr_A_st_ac_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 02:56:35 | 04:01:31 | 2021.1.00095.S | I17158-3_a_06_TM1 | Searching for massive starless core candidates in proto-stellar clusters | Zhu | CL | 12-m | 6 |
| 02:31:58 | 03:43:00 | 2021.1.00172.L | Sgr_A_st_v_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 02:21:00 | 03:32:47 | 2021.1.00172.L | Sgr_A_st_ac_03_7M | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | 7-m | 3 |
| 01:35:42 | 02:56:32 | 2021.1.00095.S | I18290-0_a_06_TM1 | Searching for massive starless core candidates in proto-stellar clusters | Zhu | CL | 12-m | 6 |
| 01:18:54 | 02:31:54 | 2021.1.00172.L | Sgr_A_st_v_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 01:01:19 | 02:20:55 | 2021.1.00172.L | Sgr_A_st_n_03_7M | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | 7-m | 3 |

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| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 23:30:45 | 00:47:23 | 2021.1.00172.L | Sgr_A_st_u_03_7M | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | 7-m | 3 |