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

### 2022-08-15

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 11:41:48 | 12:22:54 | 2021.2.00140.S | M308_a_06_TP | What is the origin of rotational motions in dense cores? | Ohashi | EA | Total Power | 6 |
| 11:28:47 | 12:48:13 | 2021.1.00055.S | z6.1-6.2_a_06_TM1 | Comprehensive ISM view down to a ~100 pc scale for a sub-L* galaxy at z=6 by ALMA, JWST, and JVLA | Fujimoto | EU | 12-m | 6 |
| 10:58:32 | 12:17:27 | 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 |
| 10:27:27 | 11:41:45 | 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 |
| 09:29:49 | 10:26:09 | 2021.2.00140.S | M308_a_06_TP | What is the origin of rotational motions in dense cores? | Ohashi | EA | Total Power | 6 |
| 09:09:20 | 10:39:54 | 2021.1.00999.S | M33_h_06_7M | A Complete Molecular Gas Map of M33 with the ACA | Koch | NA | 7-m | 6 |
| 08:33:06 | 09:29:19 | 2021.2.00140.S | M308_a_06_TP | What is the origin of rotational motions in dense cores? | Ohashi | EA | Total Power | 6 |
| 06:40:47 | 07:54:23 | 2021.1.00501.S | XMM-VID1_a_07_TM1 | Do Truly Quiescent Massive Galaxies Exist at 3<z<4? | Forrest | NA | 12-m | 7 |
| 03:58:15 | 05:04:33 | 2021.1.00027.S | FRB19061_a_05_TM1 | An ALMA Survey of Molecular Gas in the Host Galaxies of Fast Radio Bursts | Hatsukade | EA | 12-m | 5 |
| 03:40:46 | 04:53:31 | 2021.1.00172.L | Sgr_A_st_v_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 03:00:16 | 03:57:01 | 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 |
| 02:19:46 | 03:39:45 | 2021.1.00172.L | Sgr_A_st_n_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 01:55:40 | 03:11:43 | 2021.1.00172.L | Sgr_A_st_u_03_7M | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | 7-m | 3 |
| 01:40:37 | 02:56:24 | 2021.1.00095.S | I18445-0_a_06_TM1 | Searching for massive starless core candidates in proto-stellar clusters | Zhu | CL | 12-m | 6 |
| 01:10:01 | 01:40:33 | 2021.1.00095.S | I19095+0_a_06_TM1 | Searching for massive starless core candidates in proto-stellar clusters | Zhu | CL | 12-m | 6 |
| 00:52:16 | 02:19:39 | 2021.1.00172.L | Sgr_A_st_n_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 00:35:16 | 01:55:36 | 2021.1.00172.L | Sgr_A_st_n_03_7M | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | 7-m | 3 |

### 2022-08-14

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 23:22:15 | 00:54:59 | 2021.1.00095.S | I18139-1_a_06_TM1 | Searching for massive starless core candidates in proto-stellar clusters | Zhu | CL | 12-m | 6 |
| 22:24:27 | 23:24:43 | 2021.1.00172.L | Sgr_A_st_n_03_7M | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | 7-m | 3 |
| 13:50:50 | 15:06:10 | 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 |
| 12:51:53 | 14:08:09 | 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 |
| 12:45:18 | 13:10:07 | 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 |
| 11:30:48 | 12:37:51 | 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 |
| 11:28:02 | 12:44:19 | 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 |

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|---|---|---|---|---|---|---|---|---|
| 11:23:40 | 12:44:34 | 2021.1.00982.S | GM_Aur_a_07_TM1 | A survey of H2CO lines in protoplanetary disks | Guzman | CL | 12-m | 7 |
| 10:06:47 | 11:20:10 | 2021.1.00501.S | XMM-VID1_a_07_TM1 | Do Truly Quiescent Massive Galaxies Exist at 3<z<4? | Forrest | NA | 12-m | 7 |
| 07:08:08 | 08:16:57 | 2021.1.01147.S | Neptune_a_06_TM1 | Searching for Phosphine in the Atmospheres of the Ice Giants | Akins | NA | 12-m | 6 |
| 06:31:22 | 07:06:23 | 2021.1.01246.S | RXCJ0032_c_04_TM1 | Spectroscopic identification of candidate overdensity regions of H-dropout ALMA galaxies behind two lensing clusters | Kohno | EA | 12-m | 4 |
| 05:52:22 | 06:29:48 | 2021.1.01246.S | RXCJ0032_a_04_TM1 | Spectroscopic identification of candidate overdensity regions of H-dropout ALMA galaxies behind two lensing clusters | Kohno | EA | 12-m | 4 |
| 04:32:27 | 05:41:46 | 2021.1.01147.S | Neptune_a_06_TM1 | Searching for Phosphine in the Atmospheres of the Ice Giants | Akins | NA | 12-m | 6 |
| 04:06:52 | 04:24:14 | 2021.1.01498.S | u_ESO103_a_06_TM1 | Co-spatial gas feeding of SMBHs and remnant SF regions in "IR-pure AGNs" | Chen | EA | 12-m | 6 |
| 02:56:25 | 04:05:38 | 2021.1.00172.L | Sgr_A_st_u_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 02:55:37 | 04:01:38 | 2021.1.00511.S | ADF22.A4_a_06_TM1 | A unique ALMA view: a pilot study of turbulent multi-phase high-redshift protocluster regions exploiting OH+ and CH+ | Umehata | EA | 12-m | 6 |
| 01:36:36 | 02:54:03 | 2021.1.00311.S | G21.407-_a_06_TM1 | Submillimeter Continuum of Massive Star Forming Cores with Class II Methanol Masers | Liu | EA | 12-m | 6 |
| 00:10:15 | 00:55:18 | 2021.1.00172.L | Sgr_A_st_u_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 00:00:18 | 00:54:59 | 2021.1.00172.L | Sgr_A_st_an_03_7M | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | 7-m | 3 |

**2022-08-13**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 23:52:55 | 01:10:05 | 2021.1.00311.S | G21.407-_a_06_TM1 | Submillimeter Continuum of Massive Star Forming Cores with Class II Methanol Masers | Liu | EA | 12-m | 6 |
| 23:07:05 | 23:52:49 | 2021.1.00095.S | I18075-2_a_06_TM1 | Searching for massive starless core candidates in proto-stellar clusters | Zhu | CL | 12-m | 6 |
| 23:01:53 | 00:10:10 | 2021.1.00172.L | Sgr_A_st_u_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 22:33:49 | 23:07:01 | 2021.1.00095.S | I17439-2_a_06_TM1 | Searching for massive starless core candidates in proto-stellar clusters | Zhu | CL | 12-m | 6 |
| 22:29:16 | 00:00:11 | 2021.1.01195.S | M83_a_07_7M | Do "dense gas tracers" really trace dense gas? | Harada | EA | 7-m | 7 |
| 22:16:42 | 22:33:45 | 2021.1.01498.S | u_IC4329_a_06_TM1 | Co-spatial gas feeding of SMBHs and remnant SF regions in "IR-pure AGNs" | Chen | EA | 12-m | 6 |
| 21:30:55 | 22:16:39 | 2021.1.01487.S | HD_13196_a_06_TM1 | What are the best conditions for shielded debris disks? | Moor | OTHER | 12-m | 6 |
| 19:46:55 | 20:29:48 | 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 |
| 19:29:27 | 20:29:29 | 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 |
| 19:07:52 | 19:46:51 | 2021.1.01650.S | COS-3166_a_03_TM1 | Towards a systematic redshift determination of HST-dark galaxies | Kohno | EA | 12-m | 3 |
| 17:51:36 | 18:50:43 | 2021.1.01495.S | UVISTA-Y_a_03_TM1 | Revolutionary insights into the z>7 gas and dust physics | De Looze | EU | 12-m | 3 |
| 17:15:36 | 17:46:02 | 2021.1.00046.S | CW_Leo_aa_06_7M | Exploring quick line and continuum variations in IRC+10216 | He | CL | 7-m | 6 |
| 17:14:06 | 17:50:48 | 2018.1.00370.S | NGC3191_a_03_TM1 | Physical Properties of the Closest Superluminous Supernova Host Galaxy | Hatsukade | EA | 12-m | 3 |
| 16:01:23 | 17:00:24 | 2021.1.01495.S | UVISTA-Y_a_03_TM1 | Revolutionary insights into the z>7 gas and dust physics | De Looze | EU | 12-m | 3 |
| 15:48:11 | 17:08:03 | 2021.2.00094.S | G203.21-_a_03_7M | Searching for complex organic molecules in Orion cold cores | Liu | EA | 7-m | 3 |

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|---|---|---|---|---|---|---|---|---|
| 13:25:11 | 14:43:27 | 2021.1.00055.S | z6.1-6.2_a_06_TM1 | Comprehensive ISM view down to a ~100 pc scale for a sub-L* galaxy at z=6 by ALMA, JWST, and JVLA | Fujimoto | EU | 12-m | 6 |
| 13:08:42 | 14:23:25 | 2021.1.00927.S | Betelgeu_m_03_7M | The fall and rise of Betelgeuse: diving in its ejecta with ACA | Agliozzo | EU | 7-m | 3 |
| 12:23:05 | 13:13:54 | 2021.1.00815.S | ECDFS-20_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 |
| 12:19:26 | 13:02:40 | 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 |
| 10:51:15 | 12:09:23 | 2021.1.00055.S | z6.1-6.2_a_06_TM1 | Comprehensive ISM view down to a ~100 pc scale for a sub-L* galaxy at z=6 by ALMA, JWST, and JVLA | Fujimoto | EU | 12-m | 6 |
| 10:49:54 | 12:09:09 | 2021.1.00367.S | 30_Dorad_j_06_7M | ACA Mapping of the Largest Supergiant HII Region in the Nearby Universe: 30 Doradus | Bolatto | NA | 7-m | 6 |
| 09:41:48 | 10:49:51 | 2021.1.01018.S | J0159-36_a_06_TM1 | The Birth of Giants: Assembly of the First Massive Galaxies | Bosman | EU | 12-m | 6 |
| 08:27:46 | 09:41:45 | 2021.1.01116.S | hers1_a_07_TM1 | Chemistry in Feedback Environments in the Early Universe | Riechers | NA | 12-m | 7 |
| 08:13:34 | 09:36:12 | 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 |
| 07:10:49 | 08:27:34 | 2021.1.00133.S | GLASS302_a_05_TM1 | Resolving the effects of environment on molecular gas in Abell 370 | Brown | NA | 12-m | 5 |
| 07:01:18 | 08:13:31 | 2021.2.00011.S | helms5_b_07_7M | A Careful Calibration of New Molecular Feedback Tracers in the Early Universe | Riechers | NA | 7-m | 7 |
| 05:57:31 | 07:03:29 | 2021.1.00511.S | ADF22.A4_a_06_TM1 | A unique ALMA view: a pilot study of turbulent multi-phase high-redshift protocluster regions exploiting OH+ and CH+ | Umehata | EA | 12-m | 6 |
| 05:43:12 | 07:00:21 | 2021.2.00059.S | HERBS132_a_06_7M | Feeding BEARS at Cosmic Noon | Serjeant | EU | 7-m | 6 |
| 05:13:40 | 05:56:35 | 2021.1.01487.S | HD_17649_a_06_TM1 | What are the best conditions for shielded debris disks? | Moor | OTHER | 12-m | 6 |
| 04:34:27 | 05:44:23 | 2021.1.00172.L | Sgr_A_st_u_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 04:29:04 | 05:12:12 | 2021.1.01487.S | HD_17649_a_06_TM1 | What are the best conditions for shielded debris disks? | Moor | OTHER | 12-m | 6 |
| 04:28:05 | 05:38:47 | 2021.1.00172.L | Sgr_A_st_an_03_7M | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | 7-m | 3 |
| 03:19:40 | 04:29:01 | 2021.1.00311.S | G33.093-_a_06_TM1 | Submillimeter Continuum of Massive Star Forming Cores with Class II Methanol Masers | Liu | EA | 12-m | 6 |
| 03:15:43 | 04:34:23 | 2021.1.00172.L | Sgr_A_st_n_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 03:02:35 | 03:18:50 | 2021.1.00713.S | G28MM1_a_06_TM2 | The impact of magnetic field in the core fragmentation and the formation of single and binary stars | Li | EA | 12-m | 6 |
| 02:52:47 | 04:06:34 | 2021.1.00172.L | Sgr_A_st_an_03_7M | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | 7-m | 3 |
| 02:01:13 | 03:15:39 | 2021.1.00172.L | Sgr_A_st_l_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 01:52:32 | 03:02:31 | 2021.1.00311.S | G33.093-_a_06_TM1 | Submillimeter Continuum of Massive Star Forming Cores with Class II Methanol Masers | Liu | EA | 12-m | 6 |
| 00:49:40 | 02:02:53 | 2021.1.00172.L | Sgr_A_st_an_03_7M | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | 7-m | 3 |
| 00:24:57 | 01:49:01 | 2021.1.00172.L | Sgr_A_st_l_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |

**2022-08-12**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 23:16:59 | 00:15:32 | 2021.1.00095.S | I16547-4_a_06_TM1 | Searching for massive starless core candidates in proto-stellar clusters | Zhu | CL | 12-m | 6 |
| 23:10:34 | 00:24:54 | 2021.1.00172.L | Sgr_A_st_l_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |

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|---|---|---|---|---|---|---|---|---|
| 22:25:39 | 23:38:45 | 2021.1.00172.L | Sgr_A_st_an_03_7M | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | 7-m | 3 |
| 22:09:24 | 23:07:17 | 2021.1.00838.S | J1313_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 |
| 21:55:41 | 23:10:27 | 2021.1.00172.L | Sgr_A_st_l_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 21:11:33 | 22:09:21 | 2021.1.00838.S | J1313_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 |
| 12:29:56 | 12:49:24 | 2021.1.00311.S | G213.71-_a_06_TM1 | Submillimeter Continuum of Massive Star Forming Cores with Class II Methanol Masers | Liu | EA | 12-m | 6 |
| 11:57:51 | 12:53:39 | 2021.2.00049.S | ngc1068_d_06_7M | Completing 2.6-mm and 1.3-mm spectral scans toward the prototypical Seyfert galaxy NGC 1068 | Saito | EA | 7-m | 6 |
| 11:30:49 | 12:44:44 | 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 |
| 11:11:01 | 12:19:31 | 2021.1.01018.S | P060+24_a_06_TM1 | The Birth of Giants: Assembly of the First Massive Galaxies | Bosman | EU | 12-m | 6 |
| 10:33:20 | 11:30:12 | 2021.2.00140.S | M308_a_06_TP | What is the origin of rotational motions in dense cores? | Ohashi | EA | Total Power | 6 |
| 10:19:07 | 11:08:33 | 2019.1.00111.S | J0408-56_a_06_TM1 | The Birth of Giants: Assembly of the First Massive Galaxies | Venemans | EU | 12-m | 6 |
| 10:02:15 | 10:29:19 | 2021.2.00005.S | HD_17081_b_06_7M | Millimeter photometry of the disks around Herbig AeBe stars | Williams | NA | 7-m | 6 |
| 10:01:07 | 10:18:24 | 2021.1.01019.S | NGC_985_a_06_TM2 | High Resolution Observations of the Molecular Gas in AGN Hosted by Major Galaxy Mergers | Treister | CL | 12-m | 6 |
| 09:28:34 | 10:24:54 | 2021.2.00140.S | M308_a_06_TP | What is the origin of rotational motions in dense cores? | Ohashi | EA | Total Power | 6 |
| 08:31:03 | 09:27:53 | 2021.2.00140.S | M308_a_06_TP | What is the origin of rotational motions in dense cores? | Ohashi | EA | Total Power | 6 |
| 08:30:01 | 09:43:36 | 2021.1.00501.S | XMM-VID1_a_07_TM1 | Do Truly Quiescent Massive Galaxies Exist at 3<z<4? | Forrest | NA | 12-m | 7 |
| 08:27:30 | 09:59:14 | 2021.1.00999.S | M33_a_06_7M | A Complete Molecular Gas Map of M33 with the ACA | Koch | NA | 7-m | 6 |
| 07:07:05 | 08:08:02 | 2021.2.00062.S | J0155_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 |
| 06:20:32 | 07:55:09 | 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 |
| 05:40:45 | 06:58:22 | 2021.2.00059.S | HERBS132_a_06_7M | Feeding BEARS at Cosmic Noon | Serjeant | EU | 7-m | 6 |
| 05:26:26 | 05:43:54 | 2021.1.00168.S | W0116-05_a_06_TM1 | CO SLEDs of Hot DOGs at z~3 | Faerber | EU | 12-m | 6 |
| 04:15:39 | 05:30:20 | 2021.1.00172.L | Sgr_A_st_l_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 03:38:29 | 05:03:27 | 2021.1.01305.S | J2054-00_a_07_TM1 | Molecular outflows in the epoch of reionization: OH observations of a quasar at z=6.04 | Salak | EA | 12-m | 7 |
| 03:07:07 | 04:31:50 | 2021.2.00147.S | chi_cyg_a_07_7M | Tracing the role of AGB stars in the Galactic Fluorine budget | Saberi | OTHER | 7-m | 7 |
| 03:00:38 | 04:15:00 | 2021.1.00172.L | Sgr_A_st_l_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 02:35:32 | 03:37:09 | 2019.1.01482.T | GRB_pol2_c_03_TM1 | Revealing the Structure and Magnetization of GRB Jets with ALMA Polarization Observations | Laskar | EU | 12-m | 3 |
| 01:58:17 | 03:00:13 | 2021.1.00172.L | Sgr_A_st_aq_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 01:54:25 | 03:07:00 | 2021.1.00172.L | Sgr_A_st_an_03_7M | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | 7-m | 3 |
| 01:04:46 | 02:18:12 | 2019.1.01482.T | GRB_pol2_c_03_TM1 | Revealing the Structure and Magnetization of GRB Jets with ALMA Polarization Observations | Laskar | EU | 12-m | 3 |
| 00:47:24 | 01:58:13 | 2021.1.00172.L | Sgr_A_st_aq_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 00:32:48 | 01:04:42 | 2021.1.00311.S | G12.89+0_a_06_TM1 | Submillimeter Continuum of Massive Star Forming Cores with Class II Methanol Masers | Liu | EA | 12-m | 6 |

**2022-08-11**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 23:57:41 | 00:58:20 | 2021.1.00265.S | herbs72_a_08_7M | A Comprehensive [CII] Survey of Herschel-Selected Starbursts at z=3-6 | Riechers | NA | 7-m | 8 |
| 23:38:39 | 00:12:49 | 2021.1.00311.S | G351.58-_a_06_TM1 | Submillimeter Continuum of Massive Star Forming Cores with Class II Methanol Masers | Liu | EA | 12-m | 6 |
| 23:32:56 | 00:34:58 | 2021.1.00172.L | Sgr_A_st_aq_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 22:30:24 | 23:32:49 | 2021.1.00172.L | Sgr_A_st_aq_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 22:19:14 | 23:36:13 | 2021.1.01195.S | M83_a_07_7M | Do "dense gas tracers" really trace dense gas? | Harada | EA | 7-m | 7 |
| 21:53:14 | 23:13:39 | 2021.1.00769.S | DYNAMO_D_a_07_TM1 | Clump Scale Gas Kinematics in the Turbulent, Gas-Rich, Nearby Galaxy DYNAMO D13-5 | Lenkic | NA | 12-m | 7 |
| 19:53:19 | 20:39:57 | 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 |
| 19:07:55 | 20:31:01 | 2021.1.01337.S | SGAS_J12_a_08_7M | (Re)solving the Mysteries of a lensed dwarf-dwarf Galaxy Merger at z~3 | Solimano | CL | 7-m | 8 |
| 17:27:08 | 18:03:50 | 2018.1.00370.S | NGC3191_a_03_TM1 | Physical Properties of the Closest Superluminous Supernova Host Galaxy | Hatsukade | EA | 12-m | 3 |
| 17:24:39 | 18:20:03 | 2021.1.00265.S | G12v2.43_a_08_7M | A Comprehensive [CII] Survey of Herschel-Selected Starbursts at z=3-6 | Riechers | NA | 7-m | 8 |
| 16:27:10 | 17:26:08 | 2021.1.01495.S | UVISTA-Y_a_03_TM1 | Revolutionary insights into the z>7 gas and dust physics | De Looze | EU | 12-m | 3 |
| 14:40:38 | 16:18:20 | 2021.1.00280.L | DEIMOS_C_g_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 |
| 13:50:02 | 14:43:51 | 2021.1.01415.S | LMC_N166_a_08_TP | Tracing evolution of giant molecular clouds in the Large Magellanic Cloud: CI view | Kawamura | EA | Total Power | 8 |
| 13:22:19 | 14:40:26 | 2021.1.00982.S | GM_Aur_a_07_TM1 | A survey of H2CO lines in protoplanetary disks | Guzman | CL | 12-m | 7 |
| 13:05:55 | 14:19:50 | 2021.1.00265.S | hls0600_a_08_7M | A Comprehensive [CII] Survey of Herschel-Selected Starbursts at z=3-6 | Riechers | NA | 7-m | 8 |
| 12:36:21 | 13:49:10 | 2021.1.01415.S | LMC_N166_a_08_TP | Tracing evolution of giant molecular clouds in the Large Magellanic Cloud: CI view | Kawamura | EA | Total Power | 8 |
| 11:16:08 | 12:28:29 | 2021.1.01415.S | LMC_N166_a_08_TP | Tracing evolution of giant molecular clouds in the Large Magellanic Cloud: CI view | Kawamura | EA | Total Power | 8 |
| 11:14:29 | 12:27:30 | 2021.1.00501.S | XMM-VID1_a_07_TM1 | Do Truly Quiescent Massive Galaxies Exist at 3<z<4? | Forrest | NA | 12-m | 7 |
| 11:02:21 | 13:04:20 | 2021.1.00200.S | LHA_120-_b_08_7M | [CI] observations of the Magellanic Supernova Remnant N49 | Sano | EA | 7-m | 8 |
| 09:53:25 | 11:14:26 | 2021.1.00982.S | GM_Aur_a_07_TM1 | A survey of H2CO lines in protoplanetary disks | Guzman | CL | 12-m | 7 |
| 09:26:45 | 10:28:58 | 2021.1.00265.S | HXMM-06_a_08_7M | A Comprehensive [CII] Survey of Herschel-Selected Starbursts at z=3-6 | Riechers | NA | 7-m | 8 |
| 08:19:03 | 09:32:58 | 2021.1.01116.S | hers1_a_07_TM1 | Chemistry in Feedback Environments in the Early Universe | Riechers | NA | 12-m | 7 |
| 07:12:08 | 08:18:59 | 2021.1.01018.S | P025-11_a_07_TM1 | The Birth of Giants: Assembly of the First Massive Galaxies | Bosman | EU | 12-m | 7 |
| 06:17:43 | 07:16:41 | 2021.1.00265.S | helms16_a_08_7M | A Comprehensive [CII] Survey of Herschel-Selected Starbursts at z=3-6 | Riechers | NA | 7-m | 8 |
| 05:05:55 | 06:30:39 | 2021.1.01305.S | J2054-00_a_07_TM1 | Molecular outflows in the epoch of reionization: OH observations of a quasar at z=6.04 | Salak | EA | 12-m | 7 |
| 03:48:52 | 04:39:45 | 2021.2.00001.S | flow18_a_06_TP | The 'Missing Link': Gas Accretion Flows in the Galactic Bar toward the Central Molecular Zone | Ott | NA | Total Power | 6 |
| 03:39:46 | 05:04:43 | 2021.1.01305.S | J2054-00_a_07_TM1 | Molecular outflows in the epoch of reionization: OH observations | Salak | EA | 12-m | 7 |

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|---|---|---|---|---|---|---|---|---|
| | | | | of a quasar at z=6.04 | | | | |
| 02:26:48 | 03:28:36 | 2021.1.00172.L | Sgr_A_st_aq_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 01:23:07 | 03:26:27 | 2021.1.00364.S | AG354_a_09_7M | Pilot study of para-D2H+ in a high-mass clump with ALMA | Bovino | CL | 7-m | 9 |
| 01:19:31 | 02:26:11 | 2021.1.00172.L | Sgr_A_st_aq_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 00:44:17 | 02:05:16 | 2021.1.00378.S | ODISEA_C_a_08_TM1 | Size distributions and multi-frequency characterization of 100 disks in Ophiuchus | Cieza | CL | 12-m | 8 |

**2022-08-10**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 20:53:02 | 22:39:39 | 2021.1.00576.S | 4C03.24_a_08_TM1 | Pushing the frontier with ALMA: star formation at sub-kpc scale in distant radio-loud AGN hosts | Wang | EU | 12-m | 8 |
| 19:50:27 | 20:50:35 | 2021.1.01337.S | SGAS_J12_a_08_7M | (Re)solving the Mysteries of a lensed dwarf-dwarf Galaxy Merger at z~3 | Solimano | CL | 7-m | 8 |
| 19:03:08 | 20:40:32 | 2021.1.00280.L | DEIMOS_C_g_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 |
| 16:15:17 | 17:21:32 | 2021.1.00280.L | DEIMOS_C_g_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 |
| 15:38:25 | 16:38:29 | 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 |
| 14:37:15 | 16:39:00 | 2021.1.00200.S | LHA_120-_b_08_7M | [CI] observations of the Magellanic Supernova Remnant N49 | Sano | EA | 7-m | 8 |
| 14:36:46 | 15:37:54 | 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 |
| 14:28:45 | 16:07:06 | 2021.1.00280.L | DEIMOS_C_g_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 |
| 13:27:59 | 14:28:48 | 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 |
| 13:05:49 | 14:28:42 | 2021.1.00535.S | MWC_480_a_07_TM1 | High resolution observations of deuterated hydrocarbons in protoplanetary disks | Yamato | EA | 12-m | 7 |
| 12:28:36 | 14:25:24 | 2021.1.00200.S | LHA_120-_b_08_7M | [CI] observations of the Magellanic Supernova Remnant N49 | Sano | EA | 7-m | 8 |
| 12:26:09 | 13:27:22 | 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 |
| 11:17:57 | 12:18:33 | 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 |
| 10:43:38 | 12:06:13 | 2021.1.00535.S | MWC_480_a_07_TM1 | High resolution observations of deuterated hydrocarbons in protoplanetary disks | Yamato | EA | 12-m | 7 |
| 10:31:26 | 11:57:59 | 2021.1.00999.S | M33_g_06_7M | A Complete Molecular Gas Map of M33 with the ACA | Koch | NA | 7-m | 6 |
| 10:16:28 | 11:12:58 | 2021.2.00140.S | M262_a_06_TP | What is the origin of rotational motions in dense cores? | Ohashi | EA | Total Power | 6 |
| 09:18:42 | 10:15:02 | 2021.2.00140.S | M262_a_06_TP | What is the origin of rotational motions in dense cores? | Ohashi | EA | Total Power | 6 |
| 08:58:49 | 10:31:22 | 2021.1.00999.S | M33_j_06_7M | A Complete Molecular Gas Map of M33 with the ACA | Koch | NA | 7-m | 6 |
| 08:57:40 | 10:26:51 | 2021.1.00874.S | 015028_a_07_TM1 | Star Formation and the Turbulent Interstellar Medium of Lyman Break Galaxy Analogs | Wu | NA | 12-m | 7 |
| 07:31:41 | 08:57:38 | 2021.1.01116.S | hers1_b_07_TM1 | Chemistry in Feedback Environments in the Early Universe | Riechers | NA | 12-m | 7 |
| 06:56:17 | 08:26:20 | 2021.2.00092.S | SGAS0108_a_07_7M | Revealing the molecular gas content of low-metallicity low mass strongly lensed galaxies | Solimano | CL | 7-m | 7 |
| 06:30:14 | 07:28:17 | 2021.1.01019.S | Mrk_975_a_06_TM2 | High Resolution Observations of the Molecular Gas in AGN Hosted by Major Galaxy Mergers | Treister | CL | 12-m | 6 |
| 05:35:27 | 06:56:13 | 2021.2.00159.S | SDSS_J21_c_06_7M | Investigating molecular gas | Kim | EA | 7-m | 6 |

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|---|---|---|---|---|---|---|---|---|
| | | | | properties in AGNs with strong ionized outflows | | | | |
| 05:29:56 | 06:29:12 | 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 |
| 05:11:23 | 05:28:58 | 2021.1.00168.S | W2246-05_a_06_TM1 | CO SLEDs of Hot DOGs at z~3 | Faerber | EU | 12-m | 6 |
| 05:04:45 | 06:22:14 | 2021.2.00164.S | SS433_kn_d_03_TP | Study of microquasar SS433 as a cosmic-ray particle accelerator | Sakemi | EA | Total Power | 3 |
| 04:02:20 | 05:04:26 | 2021.1.00172.L | Sgr_A_st_aq_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 02:42:46 | 04:00:19 | 2021.1.00172.L | Sgr_A_st_g_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 02:37:09 | 03:53:58 | 2018.1.00769.S | VLA1623B_a_05_TM1 | Dust Polarization in Young Protostellar Disks: Constraints on Dust Grain Growth | Sadavoy | NA | 12-m | 5 |
| 02:01:26 | 04:05:10 | 2021.1.00364.S | AG354_a_09_7M | Pilot study of para-D2H+ in a high-mass clump with ALMA | Bovino | CL | 7-m | 9 |
| 01:38:13 | 02:42:24 | 2021.1.00172.L | Sgr_A_st_aq_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 01:17:55 | 02:36:57 | 2018.1.00769.S | VLA1623B_a_05_TM1 | Dust Polarization in Young Protostellar Disks: Constraints on Dust Grain Growth | Sadavoy | NA | 12-m | 5 |

**2022-08-09**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 23:54:19 | 01:17:49 | 2018.1.00769.S | VLA1623B_a_05_TM1 | Dust Polarization in Young Protostellar Disks: Constraints on Dust Grain Growth | Sadavoy | NA | 12-m | 5 |
| 23:45:16 | 01:05:55 | 2021.1.00172.L | Sgr_A_st_g_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 23:13:32 | 23:53:53 | 2021.1.00713.S | NGC6334I_a_06_TM2 | The impact of magnetic field in the core fragmentation and the formation of single and binary stars | Li | EA | 12-m | 6 |
| 22:25:31 | 23:45:08 | 2021.1.00172.L | Sgr_A_st_g_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 22:21:16 | 23:13:28 | 2021.1.01378.S | IRAS_172_a_06_TM1 | Probing the molecular outflows and dusty nuclei in local U/LIRGs | Nishimura | EA | 12-m | 6 |
| 21:56:36 | 22:20:49 | 2021.1.00311.S | G331.13-_a_06_TM1 | Submillimeter Continuum of Massive Star Forming Cores with Class II Methanol Masers | Liu | EA | 12-m | 6 |
| 21:05:57 | 22:25:28 | 2021.1.00172.L | Sgr_A_st_g_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 19:20:40 | 20:28:28 | 2021.1.01496.S | J112531._a_05_TM1 | Trace the molecular gas reservoir in ULIRGs with co-existing extreme ionized outflows and vigorous starbursts | Chen | EA | 12-m | 5 |
| 18:10:56 | 19:20:30 | 2021.1.01378.S | ESO_320-_a_05_TM1 | Probing the molecular outflows and dusty nuclei in local U/LIRGs | Nishimura | EA | 12-m | 5 |
| 16:18:33 | 17:39:03 | 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 |
| 15:14:45 | 16:14:29 | 2021.1.00306.S | IRAS_090_a_05_TM1 | Testing the SFE bimodality: measuring the CO-to-H2 conversion factor in ULIRGs using 13CO | Lamperti | EU | 12-m | 5 |
| 13:19:12 | 13:50:53 | 2021.1.00927.S | Betelgeu_m_06_7M | The fall and rise of Betelgeuse: diving in its ejecta with ACA | Agliozzo | EU | 7-m | 6 |
| 12:55:34 | 13:19:09 | 2021.1.00927.S | Betelgeu_m_07_7M | The fall and rise of Betelgeuse: diving in its ejecta with ACA | Agliozzo | EU | 7-m | 7 |
| 12:46:12 | 14:08:48 | 2021.1.00535.S | MWC_480_a_07_TM1 | High resolution observations of deuterated hydrocarbons in protoplanetary disks | Yamato | EA | 12-m | 7 |
| 11:24:30 | 12:47:56 | 2021.1.00367.S | 30_Dorad_j_06_7M | ACA Mapping of the Largest Supergiant HII Region in the Nearby Universe: 30 Doradus | Bolatto | NA | 7-m | 6 |
| 10:33:14 | 11:55:46 | 2021.1.00535.S | MWC_480_a_07_TM1 | High resolution observations of deuterated hydrocarbons in protoplanetary disks | Yamato | EA | 12-m | 7 |
| 09:16:16 | 10:33:05 | 2021.1.00133.S | GLASS302_a_05_TM1 | Resolving the effects of environment on molecular gas in Abell 370 | Brown | NA | 12-m | 5 |
| 08:55:11 | 09:16:12 | 2021.1.01676.S | ALESS079_a_05_TM1 | A CO census of high-redshift submillimetre galaxies in ECDFS | Thomson | EU | 12-m | 5 |
| 07:21:41 | 08:25:05 | 2021.1.01313.S | SPT2349_a_04_TM1 | AGN in the SPT2349 protocluster | Canning | EU | 12-m | 4 |

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| | | | | at z=4.31 | | | | |
| 05:28:32 | 06:52:52 | 2021.1.01305.S | J2054-00_a_07_TM1 | Molecular outflows in the epoch of reionization: OH observations of a quasar at z=6.04 | Salak | EA | 12-m | 7 |
| 03:35:11 | 04:57:39 | 2021.1.00172.L | Sgr_A_st_g_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |
| 02:12:09 | 03:34:53 | 2021.1.00172.L | Sgr_A_st_g_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA | Total Power | 3 |