**ALMA Observing Activity from 2023-11-13T17:59:00 to 2023-11-20T18:00:00**
**QA0 pass executions**

## 2023-11-20

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 11:06:17 | 12:31:27 | 2022.1.00360.S | NGC3627_a_03_7M | ALMA-FACTS: FundAmental CO 1-0 Transition Survey of Nearby Galaxies | Koda | NA | 7-m | 3 |
| 11:02:45 | 12:08:33 | 2023.1.01707.S | ARK241_a_06_TM1 | Co-spatial gas feeding of SMBHs and remnant SF regions in "IR-pure AGNs" | Chen | EA | 12-m | 6 |
| 08:30:28 | 09:53:09 | 2023.1.01464.S | Abell_76_a_05_7M | Identifying the Brightest Continuum Sources Accessible to ALMA with the ACA | Rose | NA | 7-m | 5 |
| 08:18:48 | 09:15:56 | 2023.1.01707.S | ARK241_a_06_TM1 | Co-spatial gas feeding of SMBHs and remnant SF regions in "IR-pure AGNs" | Chen | EA | 12-m | 6 |
| 07:03:03 | 08:13:45 | 2023.1.00227.S | NGC2915_a_06_TM1 | Physics of low-metallicity molecular clouds with ALMA | Hunt | EU | 12-m | 6 |
| 06:58:56 | 08:24:23 | 2023.1.01318.S | G208N2_a_04_7M | Does the nucleus in G208.62-19.20-N2 harbor a first hydrostatic core? | Hirano | EA | 7-m | 4 |
| 05:55:24 | 06:51:20 | 2023.1.01643.S | OMC2_b_06_7M | Estimating the cosmic-ray ionisation rate across OMC-2 and OMC-3 | Socci | EU | 7-m | 6 |
| 05:29:10 | 05:54:29 | 2023.1.00937.S | HD_35187_a_06_7M | Characterizing the complete disk population of young massive stars. Insights into planet formation mechanisms. | Vioque | NA | 7-m | 6 |
| 04:25:56 | 06:00:05 | 2023.1.01262.S | J0107a_a_04_TM1 | Resolving molecular gas in a z=2.467 DSFG with spiral and bar revealed by JWST | Huang | EA | 12-m | 4 |
| 04:02:25 | 05:03:12 | 2023.1.00572.S | IRAS_033_a_06_7M | Chasing streamers: Unveiling the connection between disk growth and infall channels in embedded protostars | Valdivia Mena | EU | 7-m | 6 |

## 2023-11-19

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 23:06:19 | 00:50:34 | 2023.1.00713.S | J2310+18_a_03_TM1 | The spatial distribution and gas kinematics traced by multiple ISM diagnostics in a quasar-starburst system at z = 6 | Shao | EU | 12-m | 3 |
| 11:07:55 | 12:30:20 | 2023.1.00140.S | SECCO1_M_a_06_7M | Molecular gas content of novel isolated star forming clumps | Jones | NA | 7-m | 6 |
| 10:41:49 | 12:12:59 | 2023.1.00404.S | SDSS_J12_a_06_TM1 | Investigating the impact of the most powerful outflows known | Carniani | EU | 12-m | 6 |
| 08:24:15 | 09:45:34 | 2023.1.00868.S | DVR2021b_a_04_7M | A search for cold, carbon-rich accretion streams in a massive halo at z=2.9 | Solimano | CL | 7-m | 4 |
| 07:56:00 | 09:49:44 | 2023.A.00009.S | HOPS-315_b_07_TM1 | Finding t=0: Tracing the Origins of Rocky Planetesimals with ALMA and JWST | van 't Hoff | NA | 12-m | 7 |
| 07:19:30 | 08:19:05 | 2023.1.00804.S | J0604_a_07_7M | Feedback Chemistry in Gas Infall and Outflows of the Most Active Massive Starburst Galaxies at Redshifts 2-5 | Riechers | EU | 7-m | 7 |
| 06:02:00 | 07:53:29 | 2023.A.00009.S | HOPS-315_b_07_TM1 | Finding t=0: Tracing the Origins of Rocky Planetesimals with ALMA and JWST | van 't Hoff | NA | 12-m | 7 |
| 04:55:46 | 07:00:09 | 2023.1.00225.S | L1521F_a_07_7M | Tracing evolution of dense core nucleus in ortho-H2D+ | Tokuda | EA | 7-m | 7 |
| 04:18:53 | 05:50:16 | 2023.A.00009.S | HOPS-315_b_07_TM1 | Finding t=0: Tracing the Origins of Rocky Planetesimals with ALMA and JWST | van 't Hoff | NA | 12-m | 7 |
| 03:05:31 | 04:54:54 | 2023.1.00572.S | IRAS_033_a_06_7M | Chasing streamers: Unveiling the connection between disk growth and infall channels in embedded protostars | Valdivia Mena | EU | 7-m | 6 |
| 02:38:43 | 04:12:55 | 2023.1.01441.S | SPT0402-_a_07_TM1 | Do they exist? - Pushing the limits for low-mass dark matter halos searches | Amvrosiadis | EU | 12-m | 7 |

## 2023-11-18

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 22:09:50 | 23:29:40 | 2022.1.00624.T | GRB_2111_a_03_TM1 | Unveiling Short GRB Millimeter | Fong | NA | 12-m | 3 |

| | | | | Afterglows with ALMA | | | | |
|---|---|---|---|---|---|---|---|---|
| 22:04:54 | 23:20:29 | 2023.1.00340.S | G034.77-_a_03_7M | The Infrared Dark Cloud G034.77-00.55 and the first fully resolved interstellar magnetised shock | Cosentino | EU | 7-m | 3 |
| 09:21:35 | 10:38:11 | 2023.1.00868.S | DVR2021b_a_04_7M | A search for cold, carbon-rich accretion streams in a massive halo at z=2.9 | Solimano | CL | 7-m | 4 |
| 07:42:08 | 08:50:45 | 2023.1.00804.S | J0512_a_07_7M | Feedback Chemistry in Gas Infall and Outflows of the Most Active Massive Starburst Galaxies at Redshifts 2-5 | Riechers | EU | 7-m | 7 |
| 07:15:07 | 08:20:56 | 2023.1.01296.S | GS10578_a_03_TM1 | Searching for cold molecular gas in a massive, recently quenched galaxy at z=3 | D'Eugenio | EU | 12-m | 3 |
| 06:32:08 | 07:41:29 | 2023.1.00804.S | J0551-48_a_07_7M | Feedback Chemistry in Gas Infall and Outflows of the Most Active Massive Starburst Galaxies at Redshifts 2-5 | Riechers | EU | 7-m | 7 |
| 04:41:41 | 06:31:18 | 2023.1.00572.S | IRAS_033_a_06_7M | Chasing streamers: Unveiling the connection between disk growth and infall channels in embedded protostars | Valdivia Mena | EU | 7-m | 6 |
| 04:22:45 | 05:27:36 | 2023.1.01262.S | J0107a_a_04_TM1 | Resolving molecular gas in a z=2.467 DSFG with spiral and bar revealed by JWST | Huang | EA | 12-m | 4 |
| 02:04:30 | 03:37:10 | 2023.1.00626.S | ID2_a_06_TM1 | Spatially Resolving Dust Obscured Star Formation | Kokorev | EU | 12-m | 6 |

## 2023-11-17

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 08:07:06 | 09:33:04 | 2023.1.01318.S | G208N2_a_04_7M | Does the nucleus in G208.62-19.20-N2 harbor a first hydrostatic core? | Hirano | EA | 7-m | 4 |
| 06:43:07 | 08:06:38 | 2023.1.01318.S | G208N2_a_04_7M | Does the nucleus in G208.62-19.20-N2 harbor a first hydrostatic core? | Hirano | EA | 7-m | 4 |
| 06:03:07 | 06:50:19 | 2023.1.00424.S | HELP_J02_f_04_TM1 | Intermediate redshift ULIRGs: bridging the gap between starburst and main sequence galaxies | Rigopoulou | EU | 12-m | 4 |
| 05:18:59 | 06:42:43 | 2023.1.01318.S | G208N2_a_04_7M | Does the nucleus in G208.62-19.20-N2 harbor a first hydrostatic core? | Hirano | EA | 7-m | 4 |
| 05:14:49 | 06:00:33 | 2023.1.00424.S | HELP_J02_e_04_TM1 | Intermediate redshift ULIRGs: bridging the gap between starburst and main sequence galaxies | Rigopoulou | EU | 12-m | 4 |
| 03:04:31 | 04:19:43 | 2023.1.00698.S | ESO484-0_a_03_7M | ALMA-GECKOS: Completing the multiphase view of gas in edge-on galaxies for a MUSE large program | Bolatto | NA | 7-m | 3 |

## 2023-11-16

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 09:56:31 | 11:20:38 | 2023.1.00833.S | NGC4038_a_06_7M | GMC scale CO(2-1) observations in the tidal dwarf galaxies in Antennae system | Maeda | EA | 7-m | 6 |
| 08:24:06 | 09:45:23 | 2023.1.00868.S | DVR2021b_a_04_7M | A search for cold, carbon-rich accretion streams in a massive halo at z=2.9 | Solimano | CL | 7-m | 4 |
| 07:17:48 | 08:19:43 | 2023.1.00804.S | J0652_a_06_7M | Feedback Chemistry in Gas Infall and Outflows of the Most Active Massive Starburst Galaxies at Redshifts 2-5 | Riechers | EU | 7-m | 6 |
| 06:19:24 | 07:17:14 | 2023.1.01643.S | OMC3_c_06_7M | Estimating the cosmic-ray ionisation rate across OMC-2 and OMC-3 | Socci | EU | 7-m | 6 |
| 05:37:28 | 06:18:02 | 2023.1.00937.S | EM_star_b_06_7M | Characterizing the complete disk population of young massive stars. Insights into planet formation mechanisms. | Vioque | NA | 7-m | 6 |
| 04:05:08 | 05:29:02 | 2022.1.00276.S | M33_b_03_7M | Resolving the Cloud-Cluster Ecosystem in M33 | Rosolowsky | NA | 7-m | 3 |
| 02:40:57 | 04:04:25 | 2022.1.00276.S | M33_b_03_7M | Resolving the Cloud-Cluster Ecosystem in M33 | Rosolowsky | NA | 7-m | 3 |
| 02:40:03 | 03:52:42 | 2022.A.00036.S | HL_Tau_aa_03_TM1 | Band 3 Survey of HL Tau as a WSU Test Dataset | Loomis | NA | 12-m | 3 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 01:15:22 | 02:39:41 | 2022.1.00276.S | M33_b_03_7M | Resolving the Cloud-Cluster Ecosystem in M33 | Rosolowsky | NA | 7-m | 3 |

**2023-11-15**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 12:38:26 | 14:02:50 | 2023.1.00868.S | DVR2021b_a_04_7M | A search for cold, carbon-rich accretion streams in a massive halo at z=2.9 | Solimano | CL | 7-m | 4 |
| 07:57:05 | 08:51:14 | 2023.1.00812.S | Arp_245N_a_03_7M | Comprehensive Study of Molecular Gas in Tidal Dwarf Galaxies | Moncada Cuadri | EU | 7-m | 3 |
| 02:42:49 | 04:09:25 | 2023.1.00124.S | spt2349c_a_03_7M | Assembling the first intra-cluster medium: SPT2459-56 at z=4.3 | Chapman | NA | 7-m | 3 |
| 01:30:32 | 02:41:17 | 2021.2.00019.S | DRC_a_03_7M | Large-scale starburst activity in the Early Universe: Locating the fuel for star formation | Man | NA | 7-m | 3 |
| 00:19:02 | 01:29:52 | 2021.2.00019.S | DRC_a_03_7M | Large-scale starburst activity in the Early Universe: Locating the fuel for star formation | Man | NA | 7-m | 3 |

**2023-11-14**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 15:03:00 | 15:51:48 | 2023.1.00140.S | BC4_SB_a_06_7M | Molecular gas content of novel isolated star forming clumps | Jones | NA | 7-m | 6 |
| 11:39:00 | 12:58:40 | 2023.1.00140.S | BC4_SB_a_06_7M | Molecular gas content of novel isolated star forming clumps | Jones | NA | 7-m | 6 |
| 08:27:50 | 09:37:32 | 2023.1.00804.S | J0604_b_07_7M | Feedback Chemistry in Gas Infall and Outflows of the Most Active Massive Starburst Galaxies at Redshifts 2-5 | Riechers | EU | 7-m | 7 |
| 06:41:58 | 07:50:45 | 2023.1.00804.S | J0512_a_07_7M | Feedback Chemistry in Gas Infall and Outflows of the Most Active Massive Starburst Galaxies at Redshifts 2-5 | Riechers | EU | 7-m | 7 |
| 05:36:26 | 06:41:40 | 2023.1.00804.S | J0512_b_07_7M | Feedback Chemistry in Gas Infall and Outflows of the Most Active Massive Starburst Galaxies at Redshifts 2-5 | Riechers | EU | 7-m | 7 |
| 03:19:09 | 04:41:25 | 2023.1.00804.S | J0150_a_07_7M | Feedback Chemistry in Gas Infall and Outflows of the Most Active Massive Starburst Galaxies at Redshifts 2-5 | Riechers | EU | 7-m | 7 |
| 01:19:44 | 02:18:13 | 2023.1.00804.S | helms28_a_06_7M | Feedback Chemistry in Gas Infall and Outflows of the Most Active Massive Starburst Galaxies at Redshifts 2-5 | Riechers | EU | 7-m | 6 |
| 00:08:35 | 01:19:22 | 2021.2.00019.S | DRC_a_03_7M | Large-scale starburst activity in the Early Universe: Locating the fuel for star formation | Man | NA | 7-m | 3 |