

**ALMA Observing Activity from 2023-01-02T17:59:00 to 2023-01-09T18:00:00**  
**QA0 pass executions**

**2023-01-02**

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title  | PI             | Executive | Array       | Band |
|------------|----------|----------------|-------------------|--|----------------|-----------|-------------|------|
| 18:33:11   | 19:44:17 | 2022.1.00591.S | flow11_a_06_TP    | The 'Missing Link': Gas Accretion Flows in the Galactic Bar toward the Central Molecular Zone                        | Ott            | NA        | Total Power | 6    |
| 18:34:33   | 19:42:27 | 2022.1.01204.S | C62_a_03_TM1      | Forming hub-filament systems: An unbiased study of the gas kinematics of increasingly complex filamentary structures | Peretto        | EU        | 12-m        | 3    |
| 18:48:35   | 20:19:37 | 2022.1.01608.S | w49b_wes_a_06_7M  | Mapping molecular gas exposed to strong X-rays, cosmic-rays and shocks of the supernova remnant                      | Zhang          | CL        | 7-m         | 6    |
| 20:23:02   | 21:41:28 | 2022.1.00578.S | XDCP_J00_a_03_7M  | A detailed SZ study of a massive z=1.58 merging cluster  | Di Mascolo     | EU        | 7-m         | 3    |
| 20:29:24   | 21:46:37 | 2022.1.01307.S | NGC_7252_a_03_TP  | Looking for Diffuse Gas in Tidal Dwarf Galaxies  | Moncada Cuadri | EU        | Total Power | 3    |
| 20:50:45   | 21:45:56 | 2022.1.01356.S | RCS2327_a_04_TM1  | A Quest toward the Faint End of the Infrared Luminosity Function at z>4  | Egami          | NA        | 12-m        | 4    |
| 21:41:32   | 23:06:38 | 2022.1.00578.S | XDCP_J00_a_03_7M  | A detailed SZ study of a massive z=1.58 merging cluster  | Di Mascolo     | EU        | 7-m         | 3    |
| 21:46:41   | 22:06:43 | 2022.1.00403.S | m33_bric_ao_06_TP | Linking the Resolved Filamentary Molecular ISM to Massive Star Formation across M33                                  | Koch           | NA        | Total Power | 6    |
| 21:46:50   | 22:44:22 | 2022.1.01657.S | GLEAM_J0_j_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation                    | Stern          | NA        | 12-m        | 3    |
| 22:49:04   | 23:56:17 | 2022.1.00403.S | m33_bric_ao_06_TP | Linking the Resolved Filamentary Molecular ISM to Massive Star Formation across M33                                  | Koch           | NA        | Total Power | 6    |
| 22:53:35   | 23:25:49 | 2022.1.01356.S | CLJ0152-_a_04_TM1 | A Quest toward the Faint End of the Infrared Luminosity Function at z>4  | Egami          | NA        | 12-m        | 4    |
| 23:06:43   | 00:34:54 | 2022.1.01314.S | ESO300-G_a_03_7M  | ACA CO 1-0 Maps to Match MeerKAT 21-cm Maps  | Leroy          | NA        | 7-m         | 3    |
| 23:57:14   | 01:04:58 | 2022.1.00403.S | m33_bric_ao_06_TP | Linking the Resolved Filamentary Molecular ISM to Massive Star Formation across M33                                  | Koch           | NA        | Total Power | 6    |

**2023-01-03**

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title   | PI       | Executive | Array       | Band |
|------------|----------|----------------|-------------------|---|----------|-----------|-------------|------|
| 00:24:24   | 01:21:05 | 2022.1.01356.S | CLJ0152-_a_04_TM1 | A Quest toward the Faint End of the Infrared Luminosity Function at z>4                                   | Egami    | NA        | 12-m        | 4    |
| 01:05:46   | 02:05:53 | 2022.1.00342.S | HOPS-40_a_06_TP   | Survey of Orion Protostellar Outflow-Envelope Interactions and Evolution                                  | Arce     | NA        | Total Power | 6    |
| 01:21:09   | 02:46:34 | 2022.1.00342.S | HOPS-60_a_06_7M   | Survey of Orion Protostellar Outflow-Envelope Interactions and Evolution                                  | Arce     | NA        | 7-m         | 6    |
| 01:51:30   | 03:11:11 | 2021.1.00267.S | HUDF-B7_a_07_TM1  | ALMA band-7 survey in the HUDF: Slicing the properties of the faintest dusty galaxies through cosmic time | Aravena  | CL        | 12-m        | 7    |
| 02:18:20   | 03:18:00 | 2022.1.00342.S | HOPS-40_a_06_TP   | Survey of Orion Protostellar Outflow-Envelope Interactions and Evolution                                  | Arce     | NA        | Total Power | 6    |
| 02:59:17   | 04:24:16 | 2022.1.00342.S | HOPS-60_a_06_7M   | Survey of Orion Protostellar Outflow-Envelope Interactions and Evolution                                  | Arce     | NA        | 7-m         | 6    |
| 03:18:05   | 04:18:33 | 2022.1.00342.S | HOPS-40_a_06_TP   | Survey of Orion Protostellar Outflow-Envelope Interactions and Evolution                                  | Arce     | NA        | Total Power | 6    |
| 03:28:30   | 04:24:06 | 2022.1.01356.S | SPT0546-_a_04_TM1 | A Quest toward the Faint End of the Infrared Luminosity Function at z>4                                   | Egami    | NA        | 12-m        | 4    |
| 04:18:38   | 05:18:22 | 2022.1.00342.S | HOPS-40_a_06_TP   | Survey of Orion Protostellar Outflow-Envelope Interactions and Evolution                                  | Arce     | NA        | Total Power | 6    |
| 04:24:21   | 05:51:09 | 2022.1.00342.S | HOPS-60_a_06_7M   | Survey of Orion Protostellar Outflow-Envelope Interactions and Evolution                                  | Arce     | NA        | 7-m         | 6    |
| 05:17:30   | 05:44:05 | 2022.1.00319.S | RJ.COS.0_d_04_TM1 | Fully Constraining the Average Molecular ISM Conditions at the Peak Epoch of Star Formation               | Kaasinen | EU        | 12-m        | 4    |

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|----------|----------|----------------|-------------------|---|--------------|----|-------------|---|
| 05:18:30 | 06:17:03 | 2022.1.00342.S | HOPS-40_a_06_TP   | Survey of Orion Protostellar Outflow-Envelope Interactions and Evolution                                    | Arce         | NA | Total Power | 6 |
| 05:44:12 | 06:01:58 | 2022.1.00319.S | RJ.COS.7_a_04_TM1 | Fully Constraining the Average Molecular ISM Conditions at the Peak Epoch of Star Formation                 | Kaasinen     | EU | 12-m        | 4 |
| 05:55:52 | 07:02:35 | 2022.1.01556.S | ESO437-0_a_06_7M  | WALLABY-CO survey of the Hydra cluster: a better understanding of environmental effects on cluster galaxies | Lee          | EA | 7-m         | 6 |
| 06:02:41 | 07:13:34 | 2021.1.01503.S | 1_a_06_TM1        | Massive, rapidly quenched galaxies 2 Gyr after the Big Bang. What happened to their ISM?                    | Gobat        | CL | 12-m        | 6 |
| 06:17:07 | 07:15:17 | 2022.1.00342.S | HOPS-40_a_06_TP   | Survey of Orion Protostellar Outflow-Envelope Interactions and Evolution                                    | Arce         | NA | Total Power | 6 |
| 07:02:40 | 07:26:13 | 2022.1.01778.S | J105703_a_06_7M   | Constraining the Accretion Properties of Nearby High-mass AGNs  | Ramakrishnan | EU | 7-m         | 6 |
| 07:13:38 | 08:20:21 | 2022.1.00604.S | J1040+02_a_04_TM1 | Timing the Disappearance of Molecular Gas in Post-Starburst Galaxies  | Setton       | NA | 12-m        | 4 |
| 07:15:22 | 08:31:42 | 2022.1.00472.S | Puppis_A_a_06_TP  | ALMA Observations of the Shocked Gas in the Puppis A Supernova Remnant                                      | Aruga        | EA | Total Power | 6 |
| 07:26:16 | 08:38:38 | 2021.2.00116.S | Cha-MOSA_b_03_7M  | Ice and Gas: Novel insights into the cold chemistry of molecular cloud cores                                | Jorgensen    | EU | 7-m         | 3 |
| 08:20:25 | 09:28:33 | 2022.1.01384.S | REBELS-2_a_05_TM1 | Probing the origins of [CII] emission in the Epoch of Reionization  | Fudamoto     | EA | 12-m        | 5 |
| 08:31:47 | 09:46:43 | 2022.1.00472.S | Puppis_A_a_06_TP  | ALMA Observations of the Shocked Gas in the Puppis A Supernova Remnant                                      | Aruga        | EA | Total Power | 6 |
| 08:38:42 | 09:54:59 | 2022.1.01556.S | NGC3312_a_06_7M   | WALLABY-CO survey of the Hydra cluster: a better understanding of environmental effects on cluster galaxies | Lee          | EA | 7-m         | 6 |
| 09:28:38 | 10:23:25 | 2021.1.00225.S | EPOS-09_a_04_TM1  | Mapping Obscuration to Reionization: A blank field 2mm survey in COSMOS                                     | Casey        | NA | 12-m        | 4 |
| 09:46:46 | 10:47:13 | 2022.1.00360.S | NGC4321_a_03_TP   | ALMA-FACTS: Fundamental CO 1-0 Transition Survey of Nearby Galaxies   | Koda         | NA | Total Power | 3 |
| 10:04:32 | 11:10:52 | 2022.1.01556.S | NGC3285_a_06_7M   | WALLABY-CO survey of the Hydra cluster: a better understanding of environmental effects on cluster galaxies | Lee          | EA | 7-m         | 6 |
| 10:23:29 | 11:31:37 | 2022.1.01384.S | REBELS-2_a_05_TM1 | Probing the origins of [CII] emission in the Epoch of Reionization  | Fudamoto     | EA | 12-m        | 5 |
| 10:48:38 | 11:33:24 | 2022.1.00472.S | Puppis_A_a_06_TP  | ALMA Observations of the Shocked Gas in the Puppis A Supernova Remnant                                      | Aruga        | EA | Total Power | 6 |
| 11:10:57 | 12:45:39 | 2022.1.00931.S | HIP67703_a_07_7M  | Searching for a hidden population of debris disks around massive stars                                      | Janson       | EU | 7-m         | 7 |
| 11:51:05 | 13:08:25 | 2022.1.01334.S | NGC6334_a_03_TP   | Unveiling the role of filamentary structures in star formation toward the mini-starburst region NGC6334     | Li           | EA | Total Power | 3 |
| 12:03:20 | 12:28:59 | 2022.1.00353.S | W1322-03_a_05_TM1 | A Pilot Study of Warm Molecular Gas in High-redshift Obscured Quasars                                       | Aravena      | CL | 12-m        | 5 |
| 12:31:35 | 13:19:19 | 2022.1.00662.S | J165042_a_07_TM1  | The Mean Free Path of Ionizing Photons at $z = 5.6$ : A Robust Constraint on Reionization                   | Zhu          | NA | 12-m        | 7 |
| 13:16:07 | 14:23:39 | 2022.1.01334.S | NGC6334_a_03_TP   | Unveiling the role of filamentary structures in star formation toward the mini-starburst region NGC6334     | Li           | EA | Total Power | 3 |
| 13:19:24 | 14:29:01 | 2022.1.00340.S | V1192_Sc_a_06_TM2 | But What About Magnetic Fields? Starspots and an Improved IMF with Dynamical Masses                         | Andrews      | NA | 12-m        | 6 |
| 13:34:39 | 14:23:57 | 2022.1.00931.S | HIP81972_a_07_7M  | Searching for a hidden population of debris disks around massive stars                                      | Janson       | EU | 7-m         | 7 |
| 14:56:46 | 15:10:43 | 2022.1.01302.S | SSTc2dJ1_a_06_TM2 | The Fellowship of the Rings: Completing the Sample  | Mulders      | CL | 12-m        | 6 |

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|-------------------|-----------------|---------------------|-------------------|---|---------------|------------------|--------------|-------------|
| 15:21:56          | 16:28:18        | 2022.1.01399.S      | NGC6334-_a_06_7M  | Unveiling the Core Mass Function and mass segregation properties of star-forming clusters               | Sanchez-Monge | EU               | 7-m          | 6           |
| 15:29:13          | 16:48:42        | 2022.1.01334.S      | NGC6334_a_03_TP   | Unveiling the role of filamentary structures in star formation toward the mini-starburst region NGC6334 | Li            | EA               | Total Power  | 3           |
| 15:30:37          | 16:46:50        | 2022.1.00139.S      | G31.41+0_a_03_TM1 | Measuring the magnetic field through CN Zeeman effect in G31.41+0.31                                    | Beltran       | EU               | 12-m         | 3           |
| 16:46:54          | 18:00:37        | 2022.1.00139.S      | G31.41+0_a_03_TM1 | Measuring the magnetic field through CN Zeeman effect in G31.41+0.31                                    | Beltran       | EU               | 12-m         | 3           |
| 17:08:48          | 18:15:34        | 2022.1.01399.S      | NGC6334-_b_06_7M  | Unveiling the Core Mass Function and mass segregation properties of star-forming clusters               | Sanchez-Monge | EU               | 7-m          | 6           |
| 17:09:39          | 18:22:26        | 2022.1.00591.S      | flow12_a_06_TP    | The 'Missing Link': Gas Accretion Flows in the Galactic Bar toward the Central Molecular Zone           | Ott           | NA               | Total Power  | 6           |
| 18:00:41          | 19:07:18        | 2022.1.00139.S      | G31.41+0_a_03_TM1 | Measuring the magnetic field through CN Zeeman effect in G31.41+0.31                                    | Beltran       | EU               | 12-m         | 3           |
| 18:22:30          | 19:35:50        | 2022.1.00591.S      | flow04_a_06_TP    | The 'Missing Link': Gas Accretion Flows in the Galactic Bar toward the Central Molecular Zone           | Ott           | NA               | Total Power  | 6           |
| 19:12:18          | 20:44:39        | 2022.1.01608.S      | w49b_wes_a_06_7M  | Mapping molecular gas exposed to strong X-rays, cosmic-rays and shocks of the supernova remnant         | Zhang         | CL               | 7-m          | 6           |
| 20:00:53          | 20:57:30        | 2022.1.01657.S      | GLEAM_J0_d_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation       | Stern         | NA               | 12-m         | 3           |
| 20:56:50          | 22:13:51        | 2022.1.00175.S      | helms65_a_05_7M   | A Careful Calibration of New Molecular Feedback Tracers in the Early Universe                           | Riechers      | NA               | 7-m          | 5           |
| 21:31:07          | 22:22:28        | 2022.1.00526.S      | SPT0027-_a_03_TM1 | Tracing the ISM enrichment from massive stars at the peak of cosmic starformation                       | Weiss         | EU               | 12-m         | 3           |
| 22:13:56          | 22:54:52        | 2022.1.01515.S      | RGALX014_a_03_7M  | An unbiased census of the molecular gas content in the most massive galaxies in the nearby Universe     | Janssen       | NA               | 7-m          | 3           |
| <b>2023-01-04</b> |                 |                     |                   |   |               |                  |              |             |
| <b>Start (UT)</b> | <b>End (UT)</b> | <b>Project Code</b> | <b>SchedBlock</b> | <b>Project Title</b>  | <b>PI</b>     | <b>Executive</b> | <b>Array</b> | <b>Band</b> |
| 14:43:23          | 15:49:02        | 2022.1.01334.S      | NGC6334_b_03_7M   | Unveiling the role of filamentary structures in star formation toward the mini-starburst region NGC6334 | Li            | EA               | 7-m          | 3           |
| 15:05:52          | 16:04:14        | 2022.1.01334.S      | NGC6334_b_03_TP   | Unveiling the role of filamentary structures in star formation toward the mini-starburst region NGC6334 | Li            | EA               | Total Power  | 3           |
| <b>2023-01-05</b> |                 |                     |                   |   |               |                  |              |             |
| <b>Start (UT)</b> | <b>End (UT)</b> | <b>Project Code</b> | <b>SchedBlock</b> | <b>Project Title</b>  | <b>PI</b>     | <b>Executive</b> | <b>Array</b> | <b>Band</b> |
| 19:19:08          | 20:13:44        | 2022.1.01657.S      | GLEAM_J0_c_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation       | Stern         | NA               | 12-m         | 3           |
| 20:13:47          | 21:09:23        | 2022.1.01657.S      | GLEAM_J0_a_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation       | Stern         | NA               | 12-m         | 3           |
| <b>2023-01-06</b> |                 |                     |                   |   |               |                  |              |             |
| <b>Start (UT)</b> | <b>End (UT)</b> | <b>Project Code</b> | <b>SchedBlock</b> | <b>Project Title</b>  | <b>PI</b>     | <b>Executive</b> | <b>Array</b> | <b>Band</b> |
| 22:43:20          | 23:40:02        | 2022.1.01657.S      | GLEAM_J0_i_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation       | Stern         | NA               | 12-m         | 3           |
| 23:41:58          | 00:37:24        | 2022.1.01657.S      | GLEAM_J0_l_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation       | Stern         | NA               | 12-m         | 3           |
| <b>2023-01-07</b> |                 |                     |                   |   |               |                  |              |             |
| <b>Start (UT)</b> | <b>End (UT)</b> | <b>Project Code</b> | <b>SchedBlock</b> | <b>Project Title</b>  | <b>PI</b>     | <b>Executive</b> | <b>Array</b> | <b>Band</b> |
| 00:37:44          | 01:31:53        | 2022.1.00526.S      | SPT0402-_a_03_TM1 | Tracing the ISM enrichment from massive stars at the peak of cosmic starformation                       | Weiss         | EU               | 12-m         | 3           |
| 02:04:31          | 02:35:12        | 2022.1.01657.S      | GLEAM_J0_k_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation       | Stern         | NA               | 12-m         | 3           |

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|----------|----------|----------------|-------------------|---|--------------|----|-------------|---|
| 02:41:50 | 03:44:12 | 2022.1.00526.S | SPT0604-_a_03_TM1 | Tracing the ISM enrichment from massive stars at the peak of cosmic starformation                           | Weiss        | EU | 12-m        | 3 |
| 03:42:00 | 05:07:30 | 2022.1.00342.S | HOPS-60_a_06_7M   | Survey of Orion Protostellar Outflow-Envelope Interactions and Evolution                                    | Arce         | NA | 7-m         | 6 |
| 03:45:08 | 04:40:33 | 2022.1.01356.S | SPT0546-_a_04_TM1 | A Quest toward the Faint End of the Infrared Luminosity Function at $z>4$                                   | Egami        | NA | 12-m        | 4 |
| 05:01:03 | 06:07:33 | 2022.1.01039.S | 400569_a_04_TM1   | CONICS: Cosmic Noon ISM Conditions Survey   | Boogaard     | EU | 12-m        | 4 |
| 05:07:35 | 05:31:29 | 2022.1.01778.S | J081022._a_03_7M  | Constraining the Accretion Properties of Nearby High-mass AGNs  | Ramakrishnan | EU | 7-m         | 3 |
| 05:37:22 | 06:23:29 | 2022.1.00716.S | ESO_437-_a_03_7M  | Galaxy evolution in the Hydra Cluster through a molecular lens  | Hess         | EU | 7-m         | 3 |
| 05:57:53 | 07:02:36 | 2022.1.01570.S | WB89_125_a_03_TP  | An ACA census of molecular clouds across the Galactic disk  | Jian         | EA | Total Power | 3 |
| 06:08:23 | 07:03:07 | 2022.1.00884.S | VLA9334_c_03_TM1  | Redshift scans for dusty star-forming galaxies at cosmic dawn   | Gobat        | CL | 12-m        | 3 |
| 07:02:27 | 08:21:09 | 2022.1.00716.S | WISEA_J1_a_03_7M  | Galaxy evolution in the Hydra Cluster through a molecular lens  | Hess         | EU | 7-m         | 3 |
| 07:03:16 | 08:01:08 | 2022.1.01570.S | WB89_124_a_03_TP  | An ACA census of molecular clouds across the Galactic disk  | Jian         | EA | Total Power | 3 |
| 07:08:01 | 08:02:45 | 2022.1.00884.S | VLA9334_b_03_TM1  | Redshift scans for dusty star-forming galaxies at cosmic dawn   | Gobat        | CL | 12-m        | 3 |
| 08:01:12 | 09:04:28 | 2022.1.01570.S | WB89_116_a_03_TP  | An ACA census of molecular clouds across the Galactic disk  | Jian         | EA | Total Power | 3 |
| 08:02:48 | 08:25:08 | 2022.1.00401.S | NGC_2899_a_06_TM1 | Mapping Molecular Irradiation Tracers in Extreme Bipolar Planetary Nebulae                                  | Kastner      | NA | 12-m        | 6 |
| 08:21:13 | 09:28:53 | 2022.1.01556.S | ESO501-0_a_06_7M  | WALLABY-CO survey of the Hydra cluster: a better understanding of environmental effects on cluster galaxies | Lee          | EA | 7-m         | 6 |
| 08:26:04 | 09:18:15 | 2019.1.00074.S | J1146+01_a_06_TM1 | On the star-forming and co-evolution nature of less-biased low-luminosity quasars at $z > 6$                | Izumi        | EA | 12-m        | 6 |
| 09:04:58 | 10:21:23 | 2022.1.01314.S | UGCA320_a_03_TP   | ACA CO 1-0 Maps to Match MeerKAT Leroy 21-cm Maps   |              | NA | Total Power | 3 |
| 09:55:52 | 10:49:28 | 2022.1.00840.S | TW_Hya_a_03_TM2   | The Most Sensitive Search for Magnetic Fields in a Solar Nebula Analogue                                    | Teague       | NA | 12-m        | 3 |
| 10:24:46 | 11:22:12 | 2022.1.00067.S | Spiderwe_a_04_TP  | Cold halo around the massive Spiderweb Galaxy   | Andreani     | EU | Total Power | 4 |
| 11:47:40 | 12:01:10 | 2022.1.01302.S | hd139614_a_06_TM2 | The Fellowship of the Rings: Completing the Sample  | Mulders      | CL | 12-m        | 6 |
| 11:58:14 | 13:04:15 | 2022.1.01334.S | NGC6334_b_03_7M   | Unveiling the role of filamentary structures in star formation toward the mini-starburst region NGC6334     | Li           | EA | 7-m         | 3 |
| 12:30:26 | 13:08:59 | 2022.1.01686.S | HD_13265_a_06_TM1 | Testing the primordial origin of CO in debris discs   | Panic        | EU | 12-m        | 6 |
| 13:09:02 | 13:54:34 | 2022.1.00445.S | NGP-9484_b_03_TM1 | Revealing overdensities and early-stage mergers in the Submillimeter Galaxy population                      | Zavala       | EA | 12-m        | 3 |
| 13:54:42 | 14:33:05 | 2022.1.00445.S | G15-6348_c_03_TM1 | Revealing overdensities and early-stage mergers in the Submillimeter Galaxy population                      | Zavala       | EA | 12-m        | 3 |
| 14:10:27 | 15:16:43 | 2022.1.01334.S | NGC6334_b_03_7M   | Unveiling the role of filamentary structures in star formation toward the mini-starburst region NGC6334     | Li           | EA | 7-m         | 3 |
| 14:41:35 | 15:07:02 | 2022.1.01657.S | GLEAM_J1_k_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation           | Stern        | NA | 12-m        | 3 |
| 15:07:24 | 16:22:40 | 2022.1.00139.S | G31.41+0_a_03_TM1 | Measuring the magnetic field through CN Zeeman effect in G31.41+0.31  | Beltran      | EU | 12-m        | 3 |
| 16:22:44 | 17:36:27 | 2022.1.00139.S | G31.41+0_a_03_TM1 | Measuring the magnetic field through CN Zeeman effect in G31.41+0.31  | Beltran      | EU | 12-m        | 3 |
| 17:36:31 | 18:43:10 | 2022.1.00139.S | G31.41+0_a_03_TM1 | Measuring the magnetic field through CN Zeeman effect in G31.41+0.31  | Beltran      | EU | 12-m        | 3 |
| 18:00:54 | 18:45:04 | 2022.1.01203.S | H31.4357_a_06_7M  | The Initial Conditions for Massive Star Formation in inner and outer Galaxy                                 | Mardones     | CL | 7-m         | 6 |

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|----------|----------|----------------|-------------------|---|--------------|----|-------------|---|
| 19:12:33 | 20:07:10 | 2022.1.01657.S | GLEAM_J0_c_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation   | Stern        | NA | 12-m        | 3 |
| 19:27:12 | 20:45:18 | 2022.1.00578.S | XDCP_J00_a_03_7M  | A detailed SZ study of a massive z=1.58 merging cluster   | Di Mascolo   | EU | 7-m         | 3 |
| 19:32:02 | 20:10:49 | 2022.1.00992.S | B335_a_03_TP      | Fully characterization of streamers in the embedded phases of star formation                        | Pineda       | EU | Total Power | 3 |
| 21:08:20 | 21:37:36 | 2022.1.01515.S | RGALX005_a_03_7M  | An unbiased census of the molecular gas content in the most massive galaxies in the nearby Universe | Janssen      | NA | 7-m         | 3 |
| 22:33:56 | 23:01:53 | 2022.1.01778.S | J024829._a_03_7M  | Constraining the Accretion Properties of Nearby High-mass AGNs                                      | Ramakrishnan | EU | 7-m         | 3 |
| 23:04:59 | 00:23:13 | 2022.1.00578.S | XDCP_J00_a_03_7M  | A detailed SZ study of a massive z=1.58 merging cluster   | Di Mascolo   | EU | 7-m         | 3 |
| 23:06:54 | 00:02:58 | 2022.1.01657.S | GLEAM_J0_k_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation   | Stern        | NA | 12-m        | 3 |
| 23:19:29 | 00:23:30 | 2022.1.00360.S | NGC0628_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Transition Survey of Nearby Galaxies                                 | Koda         | NA | Total Power | 3 |

### 2023-01-08

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title  | PI         | Executive   | Array       | Band |
|------------|----------|----------------|-------------------|--|------------|-------------|-------------|------|
| 00:03:02   | 00:57:36 | 2022.1.01657.S | GLEAM_J0_g_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation                    | Stern      | NA          | 12-m        | 3    |
| 00:23:16   | 01:46:29 | 2022.1.00578.S | XDCP_J00_a_03_7M  | A detailed SZ study of a massive z=1.58 merging cluster  | Di Mascolo | EU          | 7-m         | 3    |
| 00:23:35   | 01:27:28 | 2022.1.00360.S | NGC0628_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Transition Survey of Nearby Galaxies  | Koda       | NA          | Total Power | 3    |
| 01:11:48   | 02:12:05 | 2022.1.00016.S | Orion_KL_a_04_TM1 | High-Resolution Imaging of Deuterated Methanol (CH <sub>2</sub> DOH) in Orion KL: Toward Resolving a 30-Year Mystery | Wilkins    | NA          | 12-m        | 4    |
| 01:50:01   | 03:15:43 | 2022.1.00342.S | HOPS-60_a_06_7M   | Survey of Orion Protostellar Outflow-Envelope Interactions and Evolution   | Arce       | NA          | 7-m         | 6    |
| 02:03:35   | 03:03:00 | 2022.1.00342.S | HOPS-40_a_06_TP   | Survey of Orion Protostellar Outflow-Envelope Interactions and Evolution   | Arce       | NA          | Total Power | 6    |
| 02:45:37   | 04:17:02 | 2022.1.00875.L | HO_Tau_a_06_TM1   | The ALMA Disk-Exoplanet C/Onnection  | Cleeves    | CL EA EU NA | 12-m        | 6    |
| 03:03:03   | 04:04:05 | 2022.1.00342.S | HOPS-168_a_06_TP  | Survey of Orion Protostellar Outflow-Envelope Interactions and Evolution   | Arce       | NA          | Total Power | 6    |
| 03:15:48   | 04:40:48 | 2022.1.00342.S | HOPS-60_a_06_7M   | Survey of Orion Protostellar Outflow-Envelope Interactions and Evolution   | Arce       | NA          | 7-m         | 6    |
| 04:04:09   | 05:03:50 | 2022.1.00342.S | HOPS-168_a_06_TP  | Survey of Orion Protostellar Outflow-Envelope Interactions and Evolution   | Arce       | NA          | Total Power | 6    |
| 04:17:06   | 05:04:30 | 2022.1.00911.S | WB89-670_a_03_TM1 | Resolving the emission of organic molecules in outer Galaxy star-forming regions                                     | Fontani    | EU          | 12-m        | 3    |
| 04:40:52   | 05:54:13 | 2022.1.01314.S | NGC_2101_a_03_7M  | ACA CO 1-0 Maps to Match MeerKAT 21-cm Maps  | Leroy      | NA          | 7-m         | 3    |
| 05:04:51   | 06:03:24 | 2022.1.00342.S | HOPS-40_a_06_TP   | Survey of Orion Protostellar Outflow-Envelope Interactions and Evolution   | Arce       | NA          | Total Power | 6    |
| 05:05:56   | 05:58:00 | 2022.1.01131.S | REBELS-3_a_06_TM1 | Resolving disks and mergers in the Epoch of Reionization   | Smit       | EU          | 12-m        | 6    |
| 05:58:05   | 07:48:15 | 2022.1.00875.L | J1107579_a_07_TM1 | The ALMA Disk-Exoplanet C/Onnection  | Cleeves    | CL EA EU NA | 12-m        | 7    |
| 06:03:29   | 07:19:38 | 2022.1.00472.S | Puppis_A_a_06_TP  | ALMA Observations of the Shocked Gas in the Puppis A Supernova Remnant   | Aruga      | EA          | Total Power | 6    |
| 07:19:41   | 08:35:36 | 2022.1.00472.S | Puppis_A_a_06_TP  | ALMA Observations of the Shocked Gas in the Puppis A Supernova Remnant   | Aruga      | EA          | Total Power | 6    |
| 07:56:46   | 08:51:55 | 2022.1.00884.S | VLA9334_c_03_TM1  | Redshift scans for dusty star-forming galaxies at cosmic dawn  | Gobat      | CL          | 12-m        | 3    |
| 08:35:41   | 09:20:04 | 2022.1.01570.S | WB89_114_a_03_TP  | An ACA census of molecular clouds across the Galactic disk   | Jian       | EA          | Total Power | 3    |
| 08:51:57   | 10:09:00 | 2022.1.00338.L | HD95086_a_07_TM1  | The ALMA survey to Resolve exoKuiper belt Substructures  | Marino     | EU NA       | 12-m        | 7    |

| Start Time | End Time | Proposal ID    | Project Name      | PI  | Country    | Instrument  | Days        | Priority |
|------------|----------|----------------|-------------------|---|------------|-------------|-------------|----------|
| 09:21:30   | 10:21:51 | 2022.1.00360.S | NGC4321_a_03_TP   | (ARKS)<br>ALMA-FACTS: FundAmental CO 1-0 Koda<br>Transition Survey of Nearby Galaxies                   | NA         | Total Power | 3           |          |
| 10:09:04   | 11:11:50 | 2022.1.00316.L | BHR71-IR_a_07_TM1 | COMPASS: Complex Organic Molecules in Protostars with ALMA Spectral Surveys                             | Jorgensen  | EA EU NA    | 12-m        | 7        |
| 10:21:59   | 11:41:32 | 2022.1.01479.S | ngc4540_a_03_TP   | CO Excitation Across the Local Galaxy Population  | den Brok   | EU          | Total Power | 3        |
| 11:11:54   | 12:20:36 | 2022.1.00316.L | BHR71-IR_b_07_TM1 | COMPASS: Complex Organic Molecules in Protostars with ALMA Spectral Surveys                             | Jorgensen  | EA EU NA    | 12-m        | 7        |
| 12:00:34   | 13:46:07 | 2022.1.00931.S | HIP81972_a_07_7M  | Searching for a hidden population of debris disks around massive stars                                  | Janson     | EU          | 7-m         | 7        |
| 12:06:10   | 13:05:39 | 2022.1.01334.S | NGC6334_b_03_TP   | Unveiling the role of filamentary structures in star formation toward the mini-starburst region NGC6334 | Li         | EA          | Total Power | 3        |
| 12:42:10   | 13:27:33 | 2022.1.00445.S | NGP-9484_b_03_TM1 | Revealing overdensities and early-stage mergers in the Submillimeter Galaxy population                  | Zavala     | EA          | 12-m        | 3        |
| 13:05:43   | 13:39:31 | 2022.1.01334.S | NGC6334_b_03_TP   | Unveiling the role of filamentary structures in star formation toward the mini-starburst region NGC6334 | Li         | EA          | Total Power | 3        |
| 13:46:12   | 15:36:24 | 2022.1.00931.S | HIP81972_a_07_7M  | Searching for a hidden population of debris disks around massive stars                                  | Janson     | EU          | 7-m         | 7        |
| 14:02:41   | 14:42:11 | 2022.1.01203.S | VI000-11_a_03_TM1 | The Initial Conditions for Massive Star Formation in inner and outer Galaxy                             | Mardones   | CL          | 12-m        | 3        |
| 15:10:19   | 16:06:19 | 2022.1.01203.S | Y014.725_a_03_TM1 | The Initial Conditions for Massive Star Formation in inner and outer Galaxy                             | Mardones   | CL          | 12-m        | 3        |
| 16:04:31   | 17:21:11 | 2022.1.00591.S | flow11_a_06_TP    | The 'Missing Link': Gas Accretion Flows in the Galactic Bar toward the Central Molecular Zone           | Ott        | NA          | Total Power | 6        |
| 16:04:48   | 17:04:24 | 2022.1.00401.S | NGC_6445_c_06_7M  | Mapping Molecular Irradiation Tracers in Extreme Bipolar Planetary Nebulae                              | Kastner    | NA          | 7-m         | 6        |
| 16:06:22   | 16:26:29 | 2022.1.01203.S | Y007.344_a_03_TM1 | The Initial Conditions for Massive Star Formation in inner and outer Galaxy                             | Mardones   | CL          | 12-m        | 3        |
| 16:26:34   | 17:32:52 | 2022.1.01203.S | H22.4178_a_03_TM1 | The Initial Conditions for Massive Star Formation in inner and outer Galaxy                             | Mardones   | CL          | 12-m        | 3        |
| 17:04:28   | 18:06:45 | 2022.1.01203.S | H31.4357_a_06_7M  | The Initial Conditions for Massive Star Formation in inner and outer Galaxy                             | Mardones   | CL          | 7-m         | 6        |
| 17:21:15   | 18:32:35 | 2022.1.00591.S | flow16_a_06_TP    | The 'Missing Link': Gas Accretion Flows in the Galactic Bar toward the Central Molecular Zone           | Ott        | NA          | Total Power | 6        |
| 17:41:28   | 18:44:01 | 2022.1.00333.S | SPT-CL_J_a_03_TM1 | Is the star formation in one of the most massive cluster at $z>1$ fuelled by a cooling flow?            | Di Mascolo | EU          | 12-m        | 3        |
| 18:06:49   | 19:23:36 | 2022.1.01608.S | w49b_wes_a_06_7M  | Mapping molecular gas exposed to strong X-rays, cosmic-rays and shocks of the supernova remnant         | Zhang      | CL          | 7-m         | 6        |
| 18:40:07   | 19:23:44 | 2022.1.01608.S | w49b_eas_b_03_TP  | Mapping molecular gas exposed to strong X-rays, cosmic-rays and shocks of the supernova remnant         | Zhang      | CL          | Total Power | 3        |
| 20:52:35   | 21:47:43 | 2022.1.01657.S | GLEAM_J0_h_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation       | Stern      | NA          | 12-m        | 3        |
| 21:14:12   | 21:51:07 | 2022.1.01173.S | NGC7424_a_06_7M   | Identifying targets for cross-checking blackhole mass measurements                                      | Liang      | EU          | 7-m         | 6        |
| 21:54:01   | 23:11:04 | 2022.1.00175.S | helms65_a_05_7M   | A Careful Calibration of New Molecular Feedback Tracers in the Early Universe                           | Riechers   | NA          | 7-m         | 5        |
| 22:05:24   | 22:56:37 | 2022.1.00526.S | SPT0027-_a_03_TM1 | Tracing the ISM enrichment from massive stars at the peak of cosmic starformtion                        | Weiss      | EU          | 12-m        | 3        |
| 23:11:08   | 00:29:15 | 2022.1.00578.S | XDCP_J00_a_03_7M  | A detailed SZ study of a massive $z=1.58$ merging cluster   | Di Mascolo | EU          | 7-m         | 3        |
| 23:11:30   | 00:06:21 | 2022.1.01657.S | GLEAM_J0_f_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation       | Stern      | NA          | 12-m        | 3        |

**2023-01-09**

| <b>Start (UT)</b> | <b>End (UT)</b> | <b>Project Code</b> | <b>SchedBlock</b> | <b>Project Title</b>  | <b>PI</b> | <b>Executive</b> | <b>Array</b> | <b>Band</b> |
|-------------------|-----------------|---------------------|-------------------|---|-----------|------------------|--------------|-------------|
| 00:06:25          | 01:17:19        | 2022.1.00316.L      | NGC1333_a_07_TM1  | COMPASS: Complex Organic Molecules in Protostars with ALMA Spectral Surveys                                 | Jorgensen | EA EU NA         | 12-m         | 7           |
| 00:28:11          | 01:37:29        | 2022.1.00403.S      | m33_bric_p_06_TP  | Linking the Resolved Filamentary Molecular ISM to Massive Star Formation across M33                         | Koch      | NA               | Total Power  | 6           |
| 01:17:26          | 02:04:59        | 2022.1.00911.S      | WB89-670_a_03_TM1 | Resolving the emission of organic molecules in outer Galaxy star-forming regions                            | Fontani   | EU               | 12-m         | 3           |
| 01:49:23          | 03:10:36        | 2022.1.00427.S      | J0459-AC_a_03_7M  | The Sunyaev-Zel'dovich effect toward Kitayama a distant galaxy cluster at z=1.7                             |           | EA               | 7-m          | 3           |
| 02:02:43          | 03:05:57        | 2022.1.01314.S      | NGC_1371_a_03_TP  | ACA CO 1-0 Maps to Match MeerKAT Leroy 21-cm Maps   |           | NA               | Total Power  | 3           |
| 02:30:56          | 03:10:20        | 2022.1.00875.L      | DS_Tau_a_06_TM1   | The ALMA Disk-Exoplanet C/Onnection   | Cleeves   | CL EA EU NA      | 12-m         | 6           |
| 03:06:01          | 04:07:11        | 2022.1.00342.S      | HOPS-168_a_06_TP  | Survey of Orion Protostellar Outflow-Envelope Interactions and Evolution                                    | Arce      | NA               | Total Power  | 6           |
| 03:42:11          | 04:11:38        | 2022.1.00875.L      | DR_Tau_a_06_TM1   | The ALMA Disk-Exoplanet C/Onnection   | Cleeves   | CL EA EU NA      | 12-m         | 6           |
| 03:50:24          | 05:03:53        | 2022.1.01314.S      | NGC_2101_a_03_7M  | ACA CO 1-0 Maps to Match MeerKAT Leroy 21-cm Maps   |           | NA               | 7-m          | 3           |
| 04:07:16          | 05:42:58        | 2022.1.00342.S      | HOPS-378_a_06_TP  | Survey of Orion Protostellar Outflow-Envelope Interactions and Evolution                                    | Arce      | NA               | Total Power  | 6           |
| 04:14:26          | 05:17:55        | 2022.1.00316.L      | HOPS-373_c_07_TM1 | COMPASS: Complex Organic Molecules in Protostars with ALMA Spectral Surveys                                 | Jorgensen | EA EU NA         | 12-m         | 7           |
| 05:08:14          | 06:37:49        | 2022.1.00342.S      | HOPS-60_a_06_7M   | Survey of Orion Protostellar Outflow-Envelope Interactions and Evolution                                    | Arce      | NA               | 7-m          | 6           |
| 05:17:59          | 06:10:13        | 2022.1.01131.S      | REBELS-3_a_06_TM1 | Resolving disks and mergers in the Epoch of Reionization  | Smit      | EU               | 12-m         | 6           |
| 05:43:02          | 06:41:18        | 2022.1.00342.S      | HOPS-168_a_06_TP  | Survey of Orion Protostellar Outflow-Envelope Interactions and Evolution                                    | Arce      | NA               | Total Power  | 6           |
| 06:10:16          | 07:27:09        | 2022.1.00338.L      | HD95086_a_07_TM1  | The ALMA survey to Resolve exoKuiper belt Substructures (ARKS)  | Marino    | EU NA            | 12-m         | 7           |
| 06:41:42          | 07:58:07        | 2022.1.00472.S      | Puppis_A_a_06_TP  | ALMA Observations of the Shocked Gas in the Puppis A Supernova Remnant                                      | Aruga     | EA               | Total Power  | 6           |
| 07:19:05          | 08:23:52        | 2022.1.01556.S      | NGC3313_a_06_7M   | WALLABY-CO survey of the Hydra cluster: a better understanding of environmental effects on cluster galaxies | Lee       | EA               | 7-m          | 6           |
| 07:40:29          | 09:29:49        | 2022.1.00875.L      | J1107579_a_07_TM1 | The ALMA Disk-Exoplanet C/Onnection   | Cleeves   | CL EA EU NA      | 12-m         | 7           |
| 07:58:11          | 09:24:54        | 2022.1.00067.S      | Spiderwe_a_06_TP  | Cold halo around the massive Spiderweb Galaxy   | Andreani  | EU               | Total Power  | 6           |
| 08:37:10          | 10:13:00        | 2022.1.00931.S      | HIP67703_a_07_7M  | Searching for a hidden population of debris disks around massive stars                                      | Janson    | EU               | 7-m          | 7           |
| 09:25:30          | 10:49:38        | 2022.1.00067.S      | Spiderwe_a_06_TP  | Cold halo around the massive Spiderweb Galaxy   | Andreani  | EU               | Total Power  | 6           |
| 09:29:53          | 10:46:31        | 2022.1.00338.L      | HD95086_a_07_TM1  | The ALMA survey to Resolve exoKuiper belt Substructures (ARKS)  | Marino    | EU NA            | 12-m         | 7           |
| 10:13:04          | 11:17:35        | 2022.1.01556.S      | NGC3313_a_06_7M   | WALLABY-CO survey of the Hydra cluster: a better understanding of environmental effects on cluster galaxies | Lee       | EA               | 7-m          | 6           |
| 10:47:50          | 11:24:16        | 2022.1.01686.S      | HIP69761_a_06_TM1 | Testing the primordial origin of CO in debris discs   | Panic     | EU               | 12-m         | 6           |
| 10:49:55          | 12:13:51        | 2022.1.00067.S      | Spiderwe_a_06_TP  | Cold halo around the massive Spiderweb Galaxy   | Andreani  | EU               | Total Power  | 6           |
| 11:37:26          | 13:22:23        | 2022.1.00931.S      | HIP71865_a_07_7M  | Searching for a hidden population of debris disks around massive stars                                      | Janson    | EU               | 7-m          | 7           |
| 11:44:05          | 12:36:22        | 2022.1.00485.S      | Elias_2-_a_07_TM1 | Weighing the Elias 2-27 protoplanetary disk: a crucial test for a new mass measurement technique            | Trapman   | NA               | 12-m         | 7           |
| 12:21:06          | 13:33:35        | 2022.1.00591.S      | flow11_a_06_TP    | The 'Missing Link': Gas Accretion Flows in the Galactic Bar toward  | Ott       | NA               | Total Power  | 6           |

|          |          |                |                   |   |              |             |             |   |
|----------|----------|----------------|-------------------|---|--------------|-------------|-------------|---|
| 12:36:26 | 14:11:51 | 2022.1.00875.L | Sz118_a_06_TM1    | the Central Molecular Zone<br>The ALMA Disk-Exoplanet C/Onnection                             | Cleeves      | CL EA EU NA | 12-m        | 6 |
| 13:33:40 | 14:47:28 | 2022.1.00591.S | flow16_a_06_TP    | The 'Missing Link': Gas Accretion Flows in the Galactic Bar toward the Central Molecular Zone | Ott          | NA          | Total Power | 6 |
| 14:11:56 | 15:44:51 | 2022.1.00875.L | Sz118_a_06_TM1    | The ALMA Disk-Exoplanet C/Onnection   | Cleeves      | CL EA EU NA | 12-m        | 6 |
| 14:47:32 | 16:10:20 | 2022.1.00591.S | flow11_a_06_TP    | The 'Missing Link': Gas Accretion Flows in the Galactic Bar toward the Central Molecular Zone | Ott          | NA          | Total Power | 6 |
| 15:32:15 | 17:02:46 | 2022.1.00599.S | PANSTARR_a_07_7M  | Large dust particles in the peculiar comet C/2017 K2  | Yang         | CL          | 7-m         | 7 |
| 15:53:11 | 16:13:08 | 2022.1.01203.S | Y007.344_a_03_TM1 | The Initial Conditions for Massive Star Formation in inner and outer Galaxy                   | Mardones     | CL          | 12-m        | 3 |
| 16:13:12 | 16:36:22 | 2022.1.01203.S | VI030-46_a_03_TM1 | The Initial Conditions for Massive Star Formation in inner and outer Galaxy                   | Mardones     | CL          | 12-m        | 3 |
| 16:17:51 | 17:31:24 | 2022.1.00591.S | flow16_a_06_TP    | The 'Missing Link': Gas Accretion Flows in the Galactic Bar toward the Central Molecular Zone | Ott          | NA          | Total Power | 6 |
| 16:39:12 | 17:32:15 | 2022.1.01003.S | SPT2103-_a_04_TM1 | Following the energy trail with CH+ in strongly lensed starburst galaxies before cosmic noon  | Vidal-Garcia | EU          | 12-m        | 4 |