

**ALMA Observing Activity from 2023-01-23T17:59:00 to 2023-02-01T18:00:00**  
**QA0 pass executions**

**2023-01-31**

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title   | PI       | Executive | Array       | Band |
|------------|----------|----------------|-------------------|---|----------|-----------|-------------|------|
| 07:53:59   | 08:54:54 | 2022.1.00131.S | BHR71_IR_a_03_TM1 | Outflows in Class 0/I Protostars with ALMA: A multi-scale approach                            | Plunkett | NA        | 12-m        | 3    |
| 07:27:16   | 08:41:53 | 2022.1.00360.S | NGC3351_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Koda Transition Survey of Nearby Galaxies                      | Koda     | NA        | Total Power | 3    |
| 06:50:09   | 07:53:50 | 2022.1.00863.S | 60000037_a_03_TM1 | Confirming significant dust-obscured star formation at $z>3$ in a new ultra-deep radio survey | Hodge    | EU        | 12-m        | 3    |
| 06:32:07   | 07:52:47 | 2022.1.01626.S | A1367_OC_a_03_7M  | Non-star-forming molecular gas in intra-cluster multiphase orphan cloud                       | Jachym   | EU        | 7-m         | 3    |
| 06:11:57   | 07:26:34 | 2022.1.00360.S | NGC3351_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Koda Transition Survey of Nearby Galaxies                      | Koda     | NA        | Total Power | 3    |
| 05:45:43   | 06:49:26 | 2022.1.00863.S | 60000037_a_03_TM1 | Confirming significant dust-obscured star formation at $z>3$ in a new ultra-deep radio survey | Hodge    | EU        | 12-m        | 3    |
| 04:56:33   | 06:11:21 | 2022.1.00360.S | NGC3351_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Koda Transition Survey of Nearby Galaxies                      | Koda     | NA        | Total Power | 3    |
| 04:40:59   | 05:44:52 | 2022.1.00863.S | 60000037_a_03_TM1 | Confirming significant dust-obscured star formation at $z>3$ in a new ultra-deep radio survey | Hodge    | EU        | 12-m        | 3    |
| 04:18:39   | 05:46:10 | 2021.2.00094.S | G211.16-_a_03_7M  | Searching for complex organic molecules in Orion cold cores                                   | Liu      | EA        | 7-m         | 3    |
| 03:57:51   | 04:56:01 | 2022.1.00513.S | OMC2_a_03_TP      | Are fibers confined by gas accretion?   | Hacar    | EU        | Total Power | 3    |
| 03:25:50   | 04:30:15 | 2022.1.00863.S | 60000037_a_03_TM1 | Confirming significant dust-obscured star formation at $z>3$ in a new ultra-deep radio survey | Hodge    | EU        | 12-m        | 3    |
| 02:58:05   | 03:57:12 | 2022.1.00513.S | OMC2_a_03_TP      | Are fibers confined by gas accretion?   | Hacar    | EU        | Total Power | 3    |
| 02:13:42   | 03:25:00 | 2022.1.00131.S | IRAS0430_a_03_TM1 | Outflows in Class 0/I Protostars with ALMA: A multi-scale approach                            | Plunkett | NA        | 12-m        | 3    |
| 01:56:33   | 02:56:49 | 2022.1.00513.S | OMC2_a_03_TP      | Are fibers confined by gas accretion?   | Hacar    | EU        | Total Power | 3    |
| 01:10:06   | 02:32:48 | 2022.1.01314.S | NGC_1371_a_03_7M  | ACA CO 1-0 Maps to Match MeerKAT Leroy 21-cm Maps   |          | NA        | 7-m         | 3    |
| 00:29:42   | 01:42:36 | 2022.1.00360.S | NGC1097_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Koda Transition Survey of Nearby Galaxies                      | Koda     | NA        | Total Power | 3    |

**2023-01-30**

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title  | PI             | Executive | Array       | Band |
|------------|----------|----------------|-------------------|--|----------------|-----------|-------------|------|
| 23:15:34   | 00:28:52 | 2022.1.00360.S | NGC1097_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Koda Transition Survey of Nearby Galaxies               | Koda           | NA        | Total Power | 3    |
| 22:53:55   | 00:15:05 | 2022.1.00427.S | J0459-AC_a_03_7M  | The Sunyaev-Zel'dovich effect toward a distant galaxy cluster at $z=1.7$               |                | EA        | 7-m         | 3    |
| 22:49:02   | 00:02:11 | 2022.1.00131.S | IRAS0430_a_03_TM1 | Outflows in Class 0/I Protostars with ALMA: A multi-scale approach                     | Plunkett       | NA        | 12-m        | 3    |
| 22:17:42   | 22:47:35 | 2022.1.01503.S | G298a_a_04_TM1    | The first redshift survey of star-forming protocluster candidates identified by Planck | Hill           | NA        | 12-m        | 4    |
| 22:15:48   | 23:15:28 | 2022.1.00360.S | NGC0628_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Koda Transition Survey of Nearby Galaxies               | Koda           | NA        | Total Power | 3    |
| 21:19:06   | 22:15:37 | 2022.1.01080.S | Venus_a_03_TM1    | Dynamics in Venus' Sub-cloud Atmosphere  | Akins          | NA        | 12-m        | 3    |
| 21:15:29   | 22:15:16 | 2022.1.00360.S | NGC0628_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Koda Transition Survey of Nearby Galaxies               | Koda           | NA        | Total Power | 3    |
| 18:41:29   | 19:29:00 | 2022.1.01307.S | NGC_7252_a_03_TP  | Looking for Diffuse Gas in Tidal Dwarf Galaxies  | Moncada Cuadri | EU        | Total Power | 3    |
| 16:58:15   | 18:23:23 | 2022.1.00992.S | B335_a_03_TP      | Fully characterization of streamers in the embedded phases of star formation           | Pineda         | EU        | Total Power | 3    |
| 14:49:04   | 16:14:41 | 2021.1.00172.L | Sgr_A_st_ar_03_TP | ACES: The ALMA CMZ Exploration Survey  | Longmore       | EA EU NA  | Total Power | 3    |

|          |          |                |                   |  |           |    |             |   |
|----------|----------|----------------|-------------------|--|-----------|----|-------------|---|
| 14:35:45 | 15:13:21 | 2022.1.01570.S | H09_198_a_03_7M   | An ACA census of molecular clouds across the Galactic disk   | Jian      | EA | 7-m         | 3 |
| 13:18:36 | 14:20:02 | 2022.1.00131.S | IRAS1539_a_03_TM1 | Outflows in Class 0/I Protostars with ALMA: A multi-scale approach                                       | Plunkett  | NA | 12-m        | 3 |
| 10:49:59 | 11:50:11 | 2022.1.00290.S | RCW103_S_b_03_TP  | Is atomic carbon a good tracer of H2 gas?: Impacts of cosmic-ray and/or shock induced destructions of CO | Sano      | EA | Total Power | 3 |
| 10:46:28 | 11:45:17 | 2022.1.00482.S | 65716_a_03_TM1    | ALMA CO-CAVITY: Molecular Gas in Void Galaxies   | Espada    | EU | 12-m        | 3 |
| 09:55:15 | 10:45:07 | 2022.1.00482.S | 53609_a_03_TM1    | ALMA CO-CAVITY: Molecular Gas in Void Galaxies   | Espada    | EU | 12-m        | 3 |
| 09:53:09 | 11:09:56 | 2022.1.01314.S | UGCA320_a_03_7M   | ACA CO 1-0 Maps to Match MeerKAT 21-cm Maps  | Leroy     | NA | 7-m         | 3 |
| 09:51:11 | 10:47:59 | 2022.1.00360.S | NGC4321_a_03_TP   | ALMA-FACTS: Fundamental CO 1-0 Transition Survey of Nearby Galaxies                                      | Koda      | NA | Total Power | 3 |
| 09:01:23 | 09:55:12 | 2022.1.00482.S | 32597_a_03_TM1    | ALMA CO-CAVITY: Molecular Gas in Void Galaxies   | Espada    | EU | 12-m        | 3 |
| 08:53:42 | 09:50:35 | 2022.1.00360.S | NGC4321_a_03_TP   | ALMA-FACTS: Fundamental CO 1-0 Transition Survey of Nearby Galaxies                                      | Koda      | NA | Total Power | 3 |
| 08:28:47 | 09:53:05 | 2022.1.01314.S | UGCA250_a_03_7M   | ACA CO 1-0 Maps to Match MeerKAT 21-cm Maps  | Leroy     | NA | 7-m         | 3 |
| 08:07:26 | 09:01:19 | 2022.1.00482.S | 32597_a_03_TM1    | ALMA CO-CAVITY: Molecular Gas in Void Galaxies   | Espada    | EU | 12-m        | 3 |
| 07:39:03 | 08:53:37 | 2022.1.00360.S | NGC3351_a_03_TP   | ALMA-FACTS: Fundamental CO 1-0 Transition Survey of Nearby Galaxies                                      | Koda      | NA | Total Power | 3 |
| 07:36:46 | 08:06:45 | 2022.1.00226.S | ngc4459_a_03_TM1  | Isotopic tracers of the evolution of early-type galaxies   | Young     | NA | 12-m        | 3 |
| 07:06:41 | 07:36:14 | 2022.1.00226.S | ngc4429_a_03_TM1  | Isotopic tracers of the evolution of early-type galaxies   | Young     | NA | 12-m        | 3 |
| 07:04:01 | 08:28:06 | 2022.1.01314.S | UGCA250_a_03_7M   | ACA CO 1-0 Maps to Match MeerKAT 21-cm Maps  | Leroy     | NA | 7-m         | 3 |
| 06:42:04 | 07:06:37 | 2022.1.01657.S | GLEAM_J1_f_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation        | Stern     | NA | 12-m        | 3 |
| 06:23:29 | 07:38:03 | 2022.1.00360.S | NGC3351_a_03_TP   | ALMA-FACTS: Fundamental CO 1-0 Transition Survey of Nearby Galaxies                                      | Koda      | NA | Total Power | 3 |
| 06:16:50 | 06:40:59 | 2022.1.01657.S | GLEAM_J1_g_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation        | Stern     | NA | 12-m        | 3 |
| 05:39:46 | 07:03:57 | 2022.1.01314.S | UGCA250_a_03_7M   | ACA CO 1-0 Maps to Match MeerKAT 21-cm Maps  | Leroy     | NA | 7-m         | 3 |
| 05:09:02 | 06:15:55 | 2022.1.00172.S | SDP17b_a_03_TM1   | Searching for H2O megamaser disks in the early Universe  | Yang      | EU | 12-m        | 3 |
| 05:08:37 | 06:23:24 | 2022.1.00360.S | NGC3351_a_03_TP   | ALMA-FACTS: Fundamental CO 1-0 Transition Survey of Nearby Galaxies                                      | Koda      | NA | Total Power | 3 |
| 04:11:07 | 05:38:40 | 2021.2.00094.S | G211.16-_a_03_7M  | Searching for complex organic molecules in Orion cold cores  | Liu       | EA | 7-m         | 3 |
| 04:09:57 | 05:08:00 | 2022.1.00513.S | OMC2_a_03_TP      | Are fibers confined by gas accretion?  | Hacar     | EU | Total Power | 3 |
| 04:01:17 | 05:08:07 | 2022.1.00172.S | SDP17b_a_03_TM1   | Searching for H2O megamaser disks in the early Universe  | Yang      | EU | 12-m        | 3 |
| 03:10:18 | 04:09:22 | 2022.1.00513.S | OMC2_a_03_TP      | Are fibers confined by gas accretion?  | Hacar     | EU | Total Power | 3 |
| 02:54:27 | 04:01:13 | 2022.1.00172.S | SDP17b_a_03_TM1   | Searching for H2O megamaser disks in the early Universe  | Yang      | EU | 12-m        | 3 |
| 01:52:36 | 03:13:12 | 2022.1.00427.S | J0459-AC_a_03_7M  | The Sunyaev-Zel'dovich effect toward a distant galaxy cluster at z=1.7                                   | Kitayama  | EA | 7-m         | 3 |
| 01:51:56 | 03:09:47 | 2022.1.00311.S | ic443_a_03_TP     | Feedback from Supernova Remnant on Molecular Clouds: A detailed Study of the Shocked Gas in IC443.       | Cosentino | EU | Total Power | 3 |
| 01:19:06 | 02:31:35 | 2022.1.00131.S | IRAS0430_a_03_TM1 | Outflows in Class 0/I Protostars with ALMA: A multi-scale approach                                       | Plunkett  | NA | 12-m        | 3 |

## 2023-01-29

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title                         | PI       | Executive | Array       | Band |
|------------|----------|----------------|-------------------|---------------------------------------|----------|-----------|-------------|------|
| 14:18:06   | 15:42:44 | 2021.1.00172.L | Sgr_A_st_ar_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA  | Total Power | 3    |
| 13:43:27   | 14:44:49 | 2022.1.00131.S | IRAS1539_a_03_TM1 | Outflows in Class 0/I Protostars      | Plunkett | NA        | 12-m        | 3    |

with ALMA: A multi-scale approach

|          |          |                |                   |  |              |          |             |   |
|----------|----------|----------------|-------------------|--|--------------|----------|-------------|---|
| 12:24:03 | 13:32:44 | 2022.1.01204.S | C20_a_03_7M       | Forming hub-filament systems: An unbiased study of the gas kinematics of increasingly complex filamentary structures | Peretto      | EU       | 7-m         | 3 |
| 11:57:19 | 12:23:58 | 2022.1.01778.S | J144245_a_03_7M   | Constraining the Accretion Properties of Nearby High-mass AGNs   | Ramakrishnan | EU       | 7-m         | 3 |
| 11:36:19 | 12:58:34 | 2021.1.00172.L | Sgr_A_st_ar_03_TP | ACES: The ALMA CMZ Exploration Survey  | Longmore     | EA EU NA | Total Power | 3 |
| 10:32:25 | 11:10:56 | 2022.1.00482.S | 38659_a_03_TM1    | ALMA CO-CAVITY: Molecular Gas in Void Galaxies   | Espada       | EU       | 12-m        | 3 |
| 10:06:20 | 11:28:14 | 2021.1.00172.L | Sgr_A_st_ar_03_TP | ACES: The ALMA CMZ Exploration Survey  | Longmore     | EA EU NA | Total Power | 3 |
| 09:42:33 | 10:32:21 | 2022.1.00482.S | 53609_a_03_TM1    | ALMA CO-CAVITY: Molecular Gas in Void Galaxies   | Espada       | EU       | 12-m        | 3 |
| 09:08:22 | 10:05:12 | 2022.1.00360.S | NGC4321_a_03_TP   | ALMA-FACTS: Fundamental CO 1-0 Transition Survey of Nearby Galaxies  | Koda         | NA       | Total Power | 3 |
| 09:04:16 | 10:25:55 | 2021.2.00052.S | HerBS-13_d_03_7M  | The Home Straight - CO Redshifts of Herschel's Brightest SMGs  | Bakx         | EA       | 7-m         | 3 |
| 09:03:43 | 09:41:48 | 2022.1.00482.S | 34718_a_03_TM1    | ALMA CO-CAVITY: Molecular Gas in Void Galaxies   | Espada       | EU       | 12-m        | 3 |
| 08:14:47 | 08:54:41 | 2022.1.00482.S | 63263_a_03_TM1    | ALMA CO-CAVITY: Molecular Gas in Void Galaxies   | Espada       | EU       | 12-m        | 3 |
| 07:53:56 | 09:08:18 | 2022.1.00360.S | NGC3351_a_03_TP   | ALMA-FACTS: Fundamental CO 1-0 Transition Survey of Nearby Galaxies  | Koda         | NA       | Total Power | 3 |
| 07:50:12 | 08:14:44 | 2022.1.01657.S | GLEAM_J1_h_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation                    | Stern        | NA       | 12-m        | 3 |
| 07:45:30 | 09:04:12 | 2022.1.01314.S | NGC_3513_a_03_7M  | ACA CO 1-0 Maps to Match MeerKAT 21-cm Maps  | Leroy        | NA       | 7-m         | 3 |
| 07:25:03 | 07:50:08 | 2022.1.01657.S | GLEAM_J1_i_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation                    | Stern        | NA       | 12-m        | 3 |
| 06:59:18 | 07:24:24 | 2022.1.01657.S | GLEAM_J1_j_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation                    | Stern        | NA       | 12-m        | 3 |
| 06:39:16 | 07:53:52 | 2022.1.00360.S | NGC3351_a_03_TP   | ALMA-FACTS: Fundamental CO 1-0 Transition Survey of Nearby Galaxies  | Koda         | NA       | Total Power | 3 |
| 06:21:04 | 07:45:27 | 2022.1.01314.S | UGCA250_a_03_7M   | ACA CO 1-0 Maps to Match MeerKAT 21-cm Maps  | Leroy        | NA       | 7-m         | 3 |
| 06:02:49 | 06:58:38 | 2022.1.01657.S | GLEAM_J1_c_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation                    | Stern        | NA       | 12-m        | 3 |
| 05:23:44 | 06:38:46 | 2022.1.00360.S | NGC3351_a_03_TP   | ALMA-FACTS: Fundamental CO 1-0 Transition Survey of Nearby Galaxies  | Koda         | NA       | Total Power | 3 |
| 05:06:55 | 06:02:45 | 2022.1.01657.S | GLEAM_J1_a_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation                    | Stern        | NA       | 12-m        | 3 |
| 05:02:17 | 06:21:00 | 2022.1.01314.S | NGC_3513_a_03_7M  | ACA CO 1-0 Maps to Match MeerKAT 21-cm Maps  | Leroy        | NA       | 7-m         | 3 |
| 04:21:35 | 05:23:09 | 2022.1.01570.S | WB89_128_a_03_TP  | An ACA census of molecular clouds across the Galactic disk   | Jian         | EA       | Total Power | 3 |
| 03:57:59 | 04:52:31 | 2022.1.00172.S | G09v1.12_a_03_TM1 | Searching for H2O megamaser disks in the early Universe  | Yang         | EU       | 12-m        | 3 |
| 03:37:55 | 04:07:41 | 2022.1.00311.S | ic443_a_03_TP     | Feedback from Supernova Remnant on Molecular Clouds: A detailed Study of the Shocked Gas in IC443.                   | Cosentino    | EU       | Total Power | 3 |
| 03:02:46 | 03:57:20 | 2022.1.00172.S | G09v1.12_a_03_TM1 | Searching for H2O megamaser disks in the early Universe  | Yang         | EU       | 12-m        | 3 |

### 2023-01-28

| Start (UT) | End (UT) | Project Code   | SchedBlock     | Project Title  | PI     | Executive | Array | Band |
|------------|----------|----------------|----------------|--|--------|-----------|-------|------|
| 13:21:49   | 14:20:58 | 2022.1.00482.S | 65716_a_03_TM1 | ALMA CO-CAVITY: Molecular Gas in Void Galaxies   | Espada | EU        | 12-m  | 3    |
| 13:09:01   | 14:35:37 | 2022.1.01392.S | SDC13_a_03_7M  | SDC13, a hub-filament system originated from the collision of large-scale converging flow? | Wang   | EA        | 7-m   | 3    |

### 2023-01-27

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title                         | PI       | Executive | Array       | Band |
|------------|----------|----------------|-------------------|---------------------------------------|----------|-----------|-------------|------|
| 11:16:11   | 12:00:15 | 2021.1.00172.L | Sgr_A_st_ar_03_TP | ACES: The ALMA CMZ Exploration Survey | Longmore | EA EU NA  | Total Power | 3    |

| Start (UT)        | End (UT) | Project Code   | SchedBlock        | Project Title  | PI           | Executive | Array       | Band |
|-------------------|----------|----------------|-------------------|--|--------------|-----------|-------------|------|
| 10:54:38          | 11:33:04 | 2022.1.01576.S | NGC_5506_a_03_TM1 | Survey<br>(How) do low-luminosity radio AGN affect star formation in their host galaxies?          | Wagner       | EA        | 12-m        | 3    |
| 10:09:35          | 11:06:18 | 2022.1.00360.S | NGC4321_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Transition Survey of Nearby Galaxies                                | Koda         | NA        | Total Power | 3    |
| 10:03:00          | 10:52:55 | 2022.1.00482.S | 53609_a_03_TM1    | ALMA CO-CAVITY: Molecular Gas in Void Galaxies   | Espada       | EU        | 12-m        | 3    |
| 09:40:36          | 11:02:08 | 2021.2.00052.S | HerBS-13_d_03_7M  | The Home Straight - CO Redshifts of Herschel's Brightest SMGs                                      | Bakx         | EA        | 7-m         | 3    |
| 09:12:40          | 10:09:31 | 2022.1.00360.S | NGC4321_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Transition Survey of Nearby Galaxies                                | Koda         | NA        | Total Power | 3    |
| 09:05:17          | 10:00:42 | 2022.1.01203.S | H328.496_a_03_TM1 | The Initial Conditions for Massive Star Formation in inner and outer Galaxy                        | Mardones     | CL        | 12-m        | 3    |
| 08:24:04          | 09:40:32 | 2022.1.01314.S | NGC_3513_a_03_7M  | ACA CO 1-0 Maps to Match MeerKAT 21-cm Maps  | Leroy        | NA        | 7-m         | 3    |
| 07:58:07          | 09:12:36 | 2022.1.00360.S | NGC3351_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Transition Survey of Nearby Galaxies                                | Koda         | NA        | Total Power | 3    |
| 07:48:22          | 08:56:50 | 2022.1.01626.S | A1367_OC_a_03_TM1 | Non-star-forming molecular gas in intra-cluster multiphase orphan cloud                            | Jachym       | EU        | 12-m        | 3    |
| 06:42:42          | 07:57:43 | 2022.1.00360.S | NGC3351_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Transition Survey of Nearby Galaxies                                | Koda         | NA        | Total Power | 3    |
| 06:28:05          | 07:36:27 | 2022.1.01626.S | A1367_OC_a_03_TM1 | Non-star-forming molecular gas in intra-cluster multiphase orphan cloud                            | Jachym       | EU        | 12-m        | 3    |
| 05:40:53          | 06:42:17 | 2022.1.01570.S | WB89_128_a_03_TP  | An ACA census of molecular clouds across the Galactic disk   | Jian         | EA        | Total Power | 3    |
| 05:32:07          | 06:50:56 | 2022.1.01314.S | NGC_3513_a_03_7M  | ACA CO 1-0 Maps to Match MeerKAT 21-cm Maps  | Leroy        | NA        | 7-m         | 3    |
| 05:29:51          | 06:27:32 | 2022.1.01657.S | GLEAM_J1_d_03_TM1 | Building the first statistical sample of powerful radio galaxies within the Epoch of Reionisation  | Stern        | NA        | 12-m        | 3    |
| 05:03:50          | 05:26:56 | 2022.1.01778.S | J105703._a_03_7M  | Constraining the Accretion Properties of Nearby High-mass AGNs                                     | Ramakrishnan | EU        | 7-m         | 3    |
| 04:51:09          | 05:29:08 | 2022.1.01203.S | H285.649_a_03_TM1 | The Initial Conditions for Massive Star Formation in inner and outer Galaxy                        | Mardones     | CL        | 12-m        | 3    |
| 04:35:39          | 05:03:13 | 2022.1.01778.S | J095518._a_03_7M  | Constraining the Accretion Properties of Nearby High-mass AGNs                                     | Ramakrishnan | EU        | 7-m         | 3    |
| 04:23:02          | 05:40:49 | 2022.1.00311.S | ic443_a_03_TP     | Feedback from Supernova Remnant on Molecular Clouds: A detailed Study of the Shocked Gas in IC443. | Cosentino    | EU        | Total Power | 3    |
| 03:55:48          | 04:50:29 | 2022.1.00172.S | G09v1.12_a_03_TM1 | Searching for H2O megamaser disks in the early Universe  | Yang         | EU        | 12-m        | 3    |
| 03:15:58          | 04:35:01 | 2022.1.00427.S | J0459-AC_a_03_7M  | The Sunyaev-Zel'dovich effect toward a distant galaxy cluster at $z=1.7$                           | Kitayama     | EA        | 7-m         | 3    |
| 03:04:49          | 04:22:32 | 2022.1.00311.S | ic443_a_03_TP     | Feedback from Supernova Remnant on Molecular Clouds: A detailed Study of the Shocked Gas in IC443. | Cosentino    | EU        | Total Power | 3    |
| 02:50:20          | 03:55:08 | 2022.1.01413.S | OMC1_rid_a_03_TM1 | Filament fragmentation in high-density environments  | Socci        | EU        | 12-m        | 3    |
| 01:53:00          | 03:15:28 | 2022.1.01314.S | NGC_1371_a_03_7M  | ACA CO 1-0 Maps to Match MeerKAT 21-cm Maps  | Leroy        | NA        | 7-m         | 3    |
| 01:47:05          | 03:04:45 | 2022.1.00311.S | ic443_a_03_TP     | Feedback from Supernova Remnant on Molecular Clouds: A detailed Study of the Shocked Gas in IC443. | Cosentino    | EU        | Total Power | 3    |
| 01:37:04          | 02:49:40 | 2022.1.00131.S | IRAS0430_a_03_TM1 | Outflows in Class 0/I Protostars with ALMA: A multi-scale approach                                 | Plunkett     | NA        | 12-m        | 3    |
| 00:21:18          | 01:34:04 | 2022.1.00360.S | NGC1097_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Transition Survey of Nearby Galaxies                                | Koda         | NA        | Total Power | 3    |
| <b>2023-01-26</b> |          |                |                   |  |              |           |             |      |
| Start (UT)        | End (UT) | Project Code   | SchedBlock        | Project Title  | PI           | Executive | Array       | Band |
| 23:05:55          | 00:19:59 | 2022.1.00360.S | NGC1097_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Transition Survey of Nearby   | Koda         | NA        | Total Power | 3    |

|          |          |                |                   |  |           |             |             |   |
|----------|----------|----------------|-------------------|--|-----------|-------------|-------------|---|
| 21:44:46 | 22:44:31 | 2022.1.00360.S | NGC0628_a_03_TP   | Galaxies<br>ALMA-FACTS: FundAmental CO 1-0 Koda<br>Transition Survey of Nearby Galaxies  | NA        | Total Power | 3           |   |
| 20:42:30 | 21:42:15 | 2022.1.00360.S | NGC0628_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Koda<br>Transition Survey of Nearby Galaxies  | NA        | Total Power | 3           |   |
| 19:16:03 | 20:34:31 | 2022.1.01307.S | NGC_7252_a_03_TP  | Looking for Diffuse Gas in Tidal Dwarf Moncada Cuadri<br>Galaxies  | EU        | Total Power | 3           |   |
| 18:59:20 | 20:26:12 | 2022.1.01507.S | G5113409_a_03_7M  | A CO emission follow-up survey of the Roychowdhury<br>DINGO Pilot survey: the evolution of<br>molecular gas over the past 3 Gyrs | EU        | 7-m         | 3           |   |
| 17:56:37 | 19:09:13 | 2021.1.00172.L | Sgr_A_st_ar_03_TP | ACES: The ALMA CMZ Exploration<br>Survey   | Longmore  | EA EU NA    | Total Power | 3 |
| 17:03:43 | 18:13:27 | 2022.1.00680.S | AzTEC1_a_03_TM1   | A deep molecular gas map at the<br>node of the cosmic web at z=3   | Umehata   | EA          | 12-m        | 3 |
| 17:01:34 | 18:14:53 | 2022.1.01204.S | C20_a_03_7M       | Forming hub-filament systems: An<br>unbiased study of the gas kinematics<br>of increasingly complex filamentary<br>structures    | Peretto   | EU          | 7-m         | 3 |
| 16:26:34 | 17:48:53 | 2021.1.00172.L | Sgr_A_st_ar_03_TP | ACES: The ALMA CMZ Exploration<br>Survey   | Longmore  | EA EU NA    | Total Power | 3 |
| 15:06:19 | 16:26:31 | 2021.1.00172.L | Sgr_A_st_af_03_TP | ACES: The ALMA CMZ Exploration<br>Survey   | Longmore  | EA EU NA    | Total Power | 3 |
| 15:04:20 | 15:57:09 | 2022.1.01622.S | ngc_7009_a_03_TM1 | Probing the CO content of the low-<br>ionization and small-scale structures<br>in planetary nebulae                              | Gonçalves | OTHER       | 12-m        | 3 |
| 14:12:55 | 14:54:52 | 2022.1.00482.S | 42443_a_03_TM1    | ALMA CO-CAVITY: Molecular Gas in<br>Void Galaxies  | Espada    | EU          | 12-m        | 3 |
| 13:04:17 | 14:12:17 | 2022.1.00727.S | SVS4-5_a_06_TM1   | Cosmic connections: gas and ice in<br>protostellar envelopes   | Perotti   | EU          | 12-m        | 6 |

### 2023-01-25

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title   | PI        | Executive   | Array       | Band |
|------------|----------|----------------|-------------------|---|-----------|-------------|-------------|------|
| 14:38:05   | 15:55:54 | 2022.1.01204.S | C15_a_03_7M       | Forming hub-filament systems: An<br>unbiased study of the gas kinematics<br>of increasingly complex filamentary<br>structures | Peretto   | EU          | 7-m         | 3    |
| 14:37:54   | 15:59:54 | 2021.1.00172.L | Sgr_A_st_af_03_TP | ACES: The ALMA CMZ Exploration<br>Survey  | Longmore  | EA EU NA    | Total Power | 3    |
| 14:30:35   | 15:44:14 | 2022.1.01566.S | G331.37_a_04_TM1  | Dust Temperatures in 70um Dark<br>IRDCs   | Sanhueza  | EA          | 12-m        | 4    |
| 11:43:19   | 13:04:15 | 2021.1.00172.L | Sgr_A_st_af_03_TP | ACES: The ALMA CMZ Exploration<br>Survey  | Longmore  | EA EU NA    | Total Power | 3    |
| 10:29:35   | 11:35:14 | 2021.1.00172.L | Sgr_A_st_f_03_TP  | ACES: The ALMA CMZ Exploration<br>Survey  | Longmore  | EA EU NA    | Total Power | 3    |
| 09:31:54   | 10:29:03 | 2022.1.00360.S | NGC4321_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Koda<br>Transition Survey of Nearby Galaxies   | NA        | Total Power | 3           |      |
| 08:16:40   | 09:31:19 | 2022.1.00360.S | NGC3351_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Koda<br>Transition Survey of Nearby Galaxies   | NA        | Total Power | 3           |      |
| 07:01:18   | 08:16:13 | 2022.1.00360.S | NGC3351_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Koda<br>Transition Survey of Nearby Galaxies   | NA        | Total Power | 3           |      |
| 05:45:36   | 07:00:48 | 2022.1.00360.S | NGC3351_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Koda<br>Transition Survey of Nearby Galaxies   | NA        | Total Power | 3           |      |
| 04:19:18   | 05:44:55 | 2022.1.01570.S | WB89_105_a_03_TP  | An ACA census of molecular clouds<br>across the Galactic disk   | Jian      | EA          | Total Power | 3    |
| 03:00:31   | 04:18:32 | 2022.1.00311.S | ic443_a_03_TP     | Feedback from Supernova Remnant<br>on Molecular Clouds: A detailed Study<br>of the Shocked Gas in IC443.                      | Cosentino | EU          | Total Power | 3    |
| 01:42:08   | 03:00:05 | 2022.1.00311.S | ic443_a_03_TP     | Feedback from Supernova Remnant<br>on Molecular Clouds: A detailed Study<br>of the Shocked Gas in IC443.                      | Cosentino | EU          | Total Power | 3    |
| 00:09:36   | 01:22:50 | 2022.1.00360.S | NGC1097_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Koda<br>Transition Survey of Nearby Galaxies   | NA        | Total Power | 3           |      |

### 2023-01-24

| Start (UT) | End (UT) | Project Code   | SchedBlock      | Project Title   | PI | Executive   | Array | Band |
|------------|----------|----------------|-----------------|---|----|-------------|-------|------|
| 23:07:22   | 00:07:16 | 2022.1.00360.S | NGC0628_a_03_TP | ALMA-FACTS: FundAmental CO 1-0 Koda<br>Transition Survey of Nearby Galaxies | NA | Total Power | 3     |      |

| 22:19:14          | 23:20:51        | 2022.1.01515.S      | RLERG024_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           |
|-------------------|-----------------|---------------------|-------------------|--|----------------|------------------|--------------|-------------|
| 21:32:40          | 22:32:32        | 2022.1.00360.S      | NGC0628_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Transition Survey of Nearby Galaxies  | Koda           | NA               | Total Power  | 3           |
| 21:32:03          | 22:00:59        | 2022.1.01503.S      | G298a_a_04_TM1    | The first redshift survey of star-forming protocluster candidates identified by Planck                               | Hill           | NA               | 12-m         | 4           |
| 20:31:18          | 21:31:11        | 2022.1.00360.S      | NGC0628_a_03_TP   | ALMA-FACTS: FundAmental CO 1-0 Transition Survey of Nearby Galaxies  | Koda           | NA               | Total Power  | 3           |
| 20:22:07          | 22:04:49        | 2022.1.01515.S      | RGALX010_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           |
| 17:57:15          | 19:07:03        | 2022.1.00680.S      | AzTEC1_a_03_TM1   | A deep molecular gas map at the node of the cosmic web at z=3  | Umehata        | EA               | 12-m         | 3           |
| 17:39:48          | 18:58:51        | 2021.1.00172.L      | Sgr_A_st_af_03_TP | ACES: The ALMA CMZ Exploration Survey  | Longmore       | EA EU NA         | Total Power  | 3           |
| 17:09:14          | 18:25:19        | 2022.1.01204.S      | C15_a_03_7M       | Forming hub-filament systems: An unbiased study of the gas kinematics of increasingly complex filamentary structures | Peretto        | EU               | 7-m          | 3           |
| 16:25:47          | 17:31:02        | 2021.1.00172.L      | Sgr_A_st_f_03_TP  | ACES: The ALMA CMZ Exploration Survey  | Longmore       | EA EU NA         | Total Power  | 3           |
| 15:57:04          | 17:06:42        | 2022.1.00680.S      | AzTEC1_a_03_TM1   | A deep molecular gas map at the node of the cosmic web at z=3  | Umehata        | EA               | 12-m         | 3           |
| 15:41:15          | 16:36:49        | 2021.2.00001.S      | flow24_a_06_7M    | The 'Missing Link': Gas Accretion Flows in the Galactic Bar toward the Central Molecular Zone                        | Ott            | NA               | 7-m          | 6           |
| 15:15:04          | 16:20:00        | 2021.1.00172.L      | Sgr_A_st_f_03_TP  | ACES: The ALMA CMZ Exploration Survey  | Longmore       | EA EU NA         | Total Power  | 3           |
| 14:32:55          | 15:36:38        | 2022.1.00131.S      | RCrA_IRA_a_03_TM1 | Outflows in Class 0/I Protostars with ALMA: A multi-scale approach   | Plunkett       | NA               | 12-m         | 3           |
| 14:02:30          | 15:31:24        | 2022.1.01203.S      | VI019-52_a_06_7M  | The Initial Conditions for Massive Star Formation in inner and outer Galaxy  | Mardones       | CL               | 7-m          | 6           |
| 13:17:55          | 14:25:59        | 2022.1.00727.S      | SVS4-5_a_06_TM1   | Cosmic connections: gas and ice in protostellar envelopes  | Perotti        | EU               | 12-m         | 6           |
| 13:06:24          | 14:01:39        | 2021.2.00001.S      | flow24_a_06_7M    | The 'Missing Link': Gas Accretion Flows in the Galactic Bar toward the Central Molecular Zone                        | Ott            | NA               | 7-m          | 6           |
| 12:42:15          | 13:48:09        | 2021.1.00172.L      | Sgr_A_st_f_03_TP  | ACES: The ALMA CMZ Exploration Survey  | Longmore       | EA EU NA         | Total Power  | 3           |
| <b>2023-01-23</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> |
| 23:06:45          | 00:18:50        | 2022.1.00519.S      | GMC1_a_03_TP      | Resolved, Spatially Complete Maps of Green Dense Gas Tracers in LMC Clouds   |                | NA               | Total Power  | 3           |
| 21:05:05          | 21:43:56        | 2022.1.01307.S      | NGC_7252_a_03_TP  | Looking for Diffuse Gas in Tidal Dwarf Galaxies  | Moncada Cuadri | EU               | Total Power  | 3           |
| 19:46:37          | 21:05:01        | 2022.1.01307.S      | NGC_7252_a_03_TP  | Looking for Diffuse Gas in Tidal Dwarf Galaxies  | Moncada Cuadri | EU               | Total Power  | 3           |
| 19:19:06          | 21:14:27        | 2022.1.01515.S      | RLERG352_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           |
| 19:09:40          | 20:19:41        | 2022.1.00680.S      | AzTEC1_a_03_TM1   | A deep molecular gas map at the node of the cosmic web at z=3  | Umehata        | EA               | 12-m         | 3           |
| 18:28:15          | 19:46:33        | 2022.1.01608.S      | w49b_eas_b_07_TP  | Mapping molecular gas exposed to strong X-rays, cosmic-rays and shocks of the supernova remnant                      | Zhang          | CL               | Total Power  | 7           |