

**ALMA Observing Activity from 2024-07-01T17:59:00 to 2024-07-08T18:00:00**  
**QA0 pass executions**

**2024-07-08**

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title   | PI          | Executive | Array       | Band |
|------------|----------|----------------|-------------------|---|-------------|-----------|-------------|------|
| 15:01:10   | 15:49:57 | 2023.1.00536.S | LMCGMC_0_f_06_7M  | The ACA ORdinary Cloud Study of the Large Magellanic Cloud  | Rosolowsky  | NA        | 7-m         | 6    |
| 14:04:42   | 14:53:19 | 2023.1.00536.S | LMCGMC_1_n_06_7M  | The ACA ORdinary Cloud Study of the Large Magellanic Cloud  | Rosolowsky  | NA        | 7-m         | 6    |
| 13:46:21   | 15:05:47 | 2023.1.00286.S | HH211_a_06_TM1    | Probing Ambipolar Diffusion in the Protostellar Envelope of HH211: Measuring Ion-Neutral Drift Velocity with ALMA | Yen         | EA        | 12-m        | 6    |
| 12:46:07   | 13:24:59 | 2023.1.01527.S | 1-N166_bb_06_TP   | A comprehensive molecular gas study in the CO Arc region in the Large Magellanic Cloud                            | Yamada      | EA        | Total Power | 6    |
| 12:12:00   | 13:05:25 | 2023.1.01524.S | UGC02229_a_06_7M  | The Star Formation Quenching Survey of the Local Universe   | Colombo     | EU        | 7-m         | 6    |
| 11:47:36   | 13:35:06 | 2023.1.00439.S | L1527_a_07_TM1    | Probing a temperature enhancement at the disk-envelope interface  | van 't Hoff | NA        | 12-m        | 7    |
| 10:19:53   | 11:39:01 | 2023.1.00286.S | HH211_a_06_TM1    | Probing Ambipolar Diffusion in the Protostellar Envelope of HH211: Measuring Ion-Neutral Drift Velocity with ALMA | Yen         | EA        | 12-m        | 6    |
| 09:10:59   | 10:22:28 | 2023.1.00322.S | HERBS57_a_05_7M   | Water BEARS   | Urquhart    | EU        | 7-m         | 5    |
| 08:15:28   | 09:41:30 | 2023.1.00177.S | HCG92_a_06_TM1    | High-resolution Mapping of Cold Molecular Gas in the Turbulent IGM of Stephan's Quintet                           | Appleton    | NA        | 12-m        | 6    |
| 08:00:26   | 09:10:51 | 2023.1.00322.S | HERBS57_a_05_7M   | Water BEARS   | Urquhart    | EU        | 7-m         | 5    |
| 06:34:46   | 08:01:05 | 2023.1.00177.S | HCG92_a_06_TM1    | High-resolution Mapping of Cold Molecular Gas in the Turbulent IGM of Stephan's Quintet                           | Appleton    | NA        | 12-m        | 6    |
| 02:54:52   | 04:22:48 | 2023.1.01464.S | Z8276_a_05_7M     | Identifying the Brightest Continuum Sources Accessible to ALMA with the ACA                                       | Rose        | NA        | 7-m         | 5    |
| 02:34:03   | 03:54:07 | 2023.1.00692.S | RXJ1604._a_06_TM1 | Tracing Astrochemistry through the Shadows  | Stadler     | EU        | 12-m        | 6    |
| 02:14:49   | 03:48:04 | 2023.1.01515.S | DHNb71_a_07_TP    | Detailed observations of the magnetically intertwined Double Helix Nebula in the Galactic Center                  | Enokiya     | EA        | Total Power | 7    |
| 00:42:14   | 02:08:23 | 2023.1.01515.S | DHNb72_a_07_TP    | Detailed observations of the magnetically intertwined Double Helix Nebula in the Galactic Center                  | Enokiya     | EA        | Total Power | 7    |
| 00:42:13   | 02:01:54 | 2023.1.00227.S | NGC5408_a_06_7M   | Physics of low-metallicity molecular clouds with ALMA   | Hunt        | EU        | 7-m         | 6    |

**2024-07-07**

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title  | PI        | Executive | Array       | Band |
|------------|----------|----------------|-------------------|--|-----------|-----------|-------------|------|
| 23:36:39   | 00:42:00 | 2023.1.01524.S | NGC5735_a_06_7M   | The Star Formation Quenching Survey of the Local Universe  | Colombo   | EU        | 7-m         | 6    |
| 23:34:47   | 00:41:05 | 2023.1.00026.S | NGC4567_a_06_TP   | Virgo High-resolution CO(2-1) Survey: Sun Dissecting Galaxy Quenching with Molecular Cloud Scale "Micro-physics" | Sun       | NA        | Total Power | 6    |
| 23:29:54   | 00:50:34 | 2023.1.00692.S | RXJ1604._a_06_TM1 | Tracing Astrochemistry through the Shadows   | Stadler   | EU        | 12-m        | 6    |
| 22:27:52   | 23:34:31 | 2023.1.00026.S | NGC4567_a_06_TP   | Virgo High-resolution CO(2-1) Survey: Sun Dissecting Galaxy Quenching with Molecular Cloud Scale "Micro-physics" | Sun       | NA        | Total Power | 6    |
| 22:12:19   | 23:36:14 | 2023.1.00905.S | G305.384_b_03_7M  | HII Regions and Galactic Chemical Evolution  | Balser    | NA        | 7-m         | 3    |
| 12:23:41   | 12:53:15 | 2023.1.00561.S | HD_28227_a_06_TM1 | Characterizing the protoplanetary disks around young massive stars   | Vioque    | NA        | 12-m        | 6    |
| 12:10:23   | 13:34:39 | 2023.1.00322.S | HERBS178_a_05_7M  | Water BEARS  | Urquhart  | EU        | 7-m         | 5    |
| 11:03:46   | 12:15:05 | 2023.1.00729.S | L1451_a_01_TM1    | Torsionally-Excited CH3OH at Band 1 as a Promising Probe of First Core   | Takahashi | EA        | 12-m        | 1    |
| 10:12:26   | 11:36:36 | 2023.1.00322.S | HERBS178_a_05_7M  | Water BEARS  | Urquhart  | EU        | 7-m         | 5    |
| 08:49:20   | 10:14:58 | 2023.1.00177.S | HCG92_a_06_TM1    | High-resolution Mapping of Cold Molecular Gas in the Turbulent IGM of Stephan's Quintet                          | Appleton  | NA        | 12-m        | 6    |

|          |          |                |                  |   |          |    |             |   |
|----------|----------|----------------|------------------|---|----------|----|-------------|---|
| 08:30:48 | 09:50:14 | 2023.1.00322.S | HERBS178_a_05_7M | Water BEARS   | Urquhart | EU | 7-m         | 5 |
| 07:24:02 | 08:30:12 | 2023.1.00322.S | HERBS25_a_05_7M  | Water BEARS   | Urquhart | EU | 7-m         | 5 |
| 07:23:21 | 08:49:16 | 2023.1.00177.S | HCG92_a_06_TM1   | High-resolution Mapping of Cold Molecular Gas in the Turbulent IGM of Stephan's Quintet | Appleton | NA | 12-m        | 6 |
| 06:02:24 | 07:23:55 | 2023.1.01688.S | GKF2010_c_06_7M  | The Unbiased Line Survey of Supergiant Evolved Stars (ULISSES)                          | Bordiu   | EU | 7-m         | 6 |
| 04:36:22 | 06:02:19 | 2023.1.01688.S | GKF2010_c_06_7M  | The Unbiased Line Survey of Supergiant Evolved Stars (ULISSES)                          | Bordiu   | EU | 7-m         | 6 |
| 04:35:56 | 05:49:31 | 2023.1.00905.S | G334.341_a_03_TP | HII Regions and Galactic Chemical Evolution   | Balser   | NA | Total Power | 3 |
| 04:35:53 | 05:53:44 | 2023.1.00692.S | RXJ1604_a_06_TM1 | Tracing Astrochemistry through the Shadows  | Stadler  | EU | 12-m        | 6 |
| 02:02:11 | 03:21:16 | 2023.1.00692.S | RXJ1604_a_06_TM1 | Tracing Astrochemistry through the Shadows  | Stadler  | EU | 12-m        | 6 |
| 01:52:20 | 03:05:24 | 2023.1.00905.S | G320.232_b_03_TP | HII Regions and Galactic Chemical Evolution   | Balser   | NA | Total Power | 3 |
| 00:45:03 | 02:09:05 | 2023.1.00905.S | G334.976_b_03_7M | HII Regions and Galactic Chemical Evolution   | Balser   | NA | 7-m         | 3 |
| 00:37:56 | 01:51:52 | 2023.1.00905.S | G320.232_b_03_TP | HII Regions and Galactic Chemical Evolution   | Balser   | NA | Total Power | 3 |

### 2024-07-06

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title   | PI         | Executive | Array       | Band |
|------------|----------|----------------|-------------------|---|------------|-----------|-------------|------|
| 23:47:09   | 00:31:35 | 2023.1.01084.S | MCG_-02-_a_06_7M  | Identifying targets for cross-checking blackhole mass measurements  | Liang      | EU        | 7-m         | 6    |
| 23:17:53   | 00:25:11 | 2023.1.00026.S | NGC4567_a_06_TP   | Virgo High-resolution CO(2-1) Survey: Sun Dissecting Galaxy Quenching with Molecular Cloud Scale "Micro-physics"  |            | NA        | Total Power | 6    |
| 22:28:18   | 00:09:24 | 2023.1.00273.S | BHR71_IR_a_06_TM1 | Investigating the Connection between Yen Magnetic Field Morphology in Protostellar Envelopes and Disk Formation   |            | EA        | 12-m        | 6    |
| 22:22:22   | 23:47:03 | 2023.1.00601.S | 3C277.3_a_03_7M   | Probing molecular gas in the radiogalaxy Coma A, a unique local case of jet triggered star formation              | Balmaverde | EU        | 7-m         | 3    |
| 12:12:41   | 13:05:26 | 2023.1.01524.S | NGC1070_a_06_7M   | The Star Formation Quenching ACA Survey of the Local Universe   | Colombo    | EU        | 7-m         | 6    |
| 11:51:08   | 13:10:15 | 2023.1.00286.S | HH211_a_06_TM1    | Probing Ambipolar Diffusion in the Protostellar Envelope of HH211: Measuring Ion-Neutral Drift Velocity with ALMA | Yen        | EA        | 12-m        | 6    |
| 11:05:20   | 12:04:39 | 2023.1.01524.S | NGC0833_a_06_7M   | The Star Formation Quenching ACA Survey of the Local Universe   | Colombo    | EU        | 7-m         | 6    |
| 10:23:28   | 11:34:50 | 2023.1.00729.S | L1451_a_01_TM1    | Torsionally-Excited CH3OH at Band 1 as a Promising Probe of First Core  | Takahashi  | EA        | 12-m        | 1    |
| 08:55:55   | 10:01:53 | 2023.1.00322.S | HERBS25_a_05_7M   | Water BEARS   | Urquhart   | EU        | 7-m         | 5    |
| 07:37:11   | 08:39:42 | 2023.1.00322.S | HERBS25_a_05_7M   | Water BEARS   | Urquhart   | EU        | 7-m         | 5    |
| 06:47:05   | 07:03:08 | 2023.1.01346.S | G025.382_a_06_TM2 | High-mass Photoionising Protostellar Object (HiPPO) survey  | Tanaka     | EA        | 12-m        | 6    |
| 06:11:02   | 06:29:20 | 2023.1.01346.S | G031.159_a_06_TM2 | High-mass Photoionising Protostellar Object (HiPPO) survey  | Tanaka     | EA        | 12-m        | 6    |
| 06:03:14   | 07:24:37 | 2023.1.01688.S | GKF2010_c_06_7M   | The Unbiased Line Survey of Supergiant Evolved Stars (ULISSES)  | Bordiu     | EU        | 7-m         | 6    |
| 05:09:39   | 06:10:17 | 2023.1.01152.S | SMM1_a_05_TM1     | Radial Distributions of Sufur-Bearing Species in Disk Forming Regions   | Oya        | EA        | 12-m        | 5    |
| 04:23:34   | 05:36:46 | 2023.1.00905.S | G334.976_b_03_TP  | HII Regions and Galactic Chemical Evolution   | Balser     | NA        | Total Power | 3    |
| 04:12:45   | 05:36:29 | 2021.2.00164.S | SS433_kn_d_03_7M  | Study of microquasar SS433 as a cosmic-ray particle accelerator   | Sakemi     | EA        | 7-m         | 3    |
| 03:50:53   | 05:08:55 | 2023.1.00692.S | RXJ1604_a_06_TM1  | Tracing Astrochemistry through the Shadows  | Stadler    | EU        | 12-m        | 6    |
| 03:09:09   | 04:23:06 | 2023.1.00905.S | G334.976_b_03_TP  | HII Regions and Galactic Chemical Evolution   | Balser     | NA        | Total Power | 3    |
| 02:31:22   | 03:59:37 | 2023.1.01688.S | GKF2010_d_06_7M   | The Unbiased Line Survey of Supergiant Evolved Stars (ULISSES)  | Bordiu     | EU        | 7-m         | 6    |

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|----------|----------|----------------|------------------|--|--------|----|-------------|---|
| 01:42:38 | 03:16:10 | 2021.1.00178.S | cmz_34_a_06_TM1  | How does environment impact the origin of stellar masses? A census of protostellar distributions in the CMZ      | Walker | NA | 12-m        | 6 |
| 01:41:54 | 02:56:11 | 2023.1.00905.S | G334.976_b_03_TP | HII Regions and Galactic Chemical Evolution  | Balser | NA | Total Power | 3 |
| 00:46:23 | 02:10:17 | 2023.1.00905.S | G334.659_a_03_7M | HII Regions and Galactic Chemical Evolution  | Balser | NA | 7-m         | 3 |
| 00:16:36 | 01:23:20 | 2023.1.00026.S | NGC4567_a_06_TP  | Virgo High-resolution CO(2-1) Survey: Sun Dissecting Galaxy Quenching with Molecular Cloud Scale "Micro-physics" |        | NA | Total Power | 6 |

**2024-07-05**

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title   | PI         | Executive   | Array       | Band |
|------------|----------|----------------|-------------------|---|------------|-------------|-------------|------|
| 23:57:44   | 01:17:58 | 2023.1.00692.S | RXJ1604_a_06_TM1  | Tracing Astrochemistry through the Shadows  | Stadler    | EU          | 12-m        | 6    |
| 23:23:29   | 00:44:45 | 2023.1.00227.S | NGC5408_a_06_7M   | Physics of low-metallicity molecular clouds with ALMA   | Hunt       | EU          | 7-m         | 6    |
| 23:14:34   | 00:16:20 | 2023.1.00026.S | NGC4383_a_06_TP   | Virgo High-resolution CO(2-1) Survey: Sun Dissecting Galaxy Quenching with Molecular Cloud Scale "Micro-physics"        |            | NA          | Total Power | 6    |
| 22:29:20   | 23:54:34 | 2023.1.00565.S | NGC_5408_a_06_TM1 | Dynamical mass constraint of an ULX Mizumoto  |            | EA          | 12-m        | 6    |
| 22:10:16   | 23:12:26 | 2023.1.00026.S | NGC4383_a_06_TP   | Virgo High-resolution CO(2-1) Survey: Sun Dissecting Galaxy Quenching with Molecular Cloud Scale "Micro-physics"        |            | NA          | Total Power | 6    |
| 21:57:49   | 23:23:25 | 2023.1.01456.S | IC_0800_a_06_7M   | A pilot survey of CO in blindly detected HI-rich dwarf galaxies in the Virgo cluster                                    | Zabel      | OTHER       | 7-m         | 6    |
| 21:04:01   | 22:29:16 | 2023.1.00565.S | NGC_5408_a_06_TM1 | Dynamical mass constraint of an ULX Mizumoto  |            | EA          | 12-m        | 6    |
| 20:26:19   | 20:42:52 | 2023.1.00970.S | SDP11_a_01_TM1    | Probing Deeper into the Multi-Phase ISM in SDP.11 at z ~ 1.8: Gas Physics on Sub-kpc Scales Using Gravitational Lensing | Lamarche   | NA          | 12-m        | 1    |
| 18:35:28   | 19:54:27 | 2023.1.00482.S | V510_Pup_b_06_TM1 | Chemical Keys to PPN Evolution: The Siebert Unique Case of V510 Pup   |            | NA          | 12-m        | 6    |
| 17:04:51   | 18:27:03 | 2023.1.00494.S | HOPS-84_a_06_TM1  | Characterizing the Water D/H Ratio in Tobin Orion Protostars: Clustered vs. Isolated Protostars                         |            | NA          | 12-m        | 6    |
| 16:22:07   | 17:37:05 | 2023.1.01688.S | MWC137_a_06_7M    | The Unbiased Line Survey of Supergiant Evolved Stars (ULISSES)  | Bordiu     | EU          | 7-m         | 6    |
| 15:24:59   | 16:14:14 | 2023.1.00536.S | LMCGMC_0_g_06_7M  | The ACA ORdinary Cloud Study of the Large Magellanic Cloud  | Rosolowsky | NA          | 7-m         | 6    |
| 15:08:40   | 16:49:19 | 2023.1.00787.S | d203-506_a_07_TM1 | Organic composition of externally FUV-irradiated protoplanetary disks: the unique case of d203-506                      | Goicoechea | EU          | 12-m        | 7    |
| 14:23:00   | 15:16:54 | 2023.1.00536.S | LMCGMC_0_f_06_7M  | The ACA ORdinary Cloud Study of the Large Magellanic Cloud  | Rosolowsky | NA          | 7-m         | 6    |
| 13:37:30   | 14:15:24 | 2023.1.01527.S | 1-N166_bd_06_TP   | A comprehensive molecular gas study in the CO Arc region in the Large Magellanic Cloud                                  | Yamada     | EA          | Total Power | 6    |
| 13:36:55   | 14:56:12 | 2023.1.00286.S | HH211_a_06_TM1    | Probing Ambipolar Diffusion in the Protostellar Envelope of HH211: Measuring Ion-Neutral Drift Velocity with ALMA       | Yen        | EA          | 12-m        | 6    |
| 13:29:04   | 14:14:53 | 2023.1.00536.S | LMCGMC_2_d_06_7M  | The ACA ORdinary Cloud Study of the Large Magellanic Cloud  | Rosolowsky | NA          | 7-m         | 6    |
| 12:02:29   | 13:35:22 | 2022.1.00875.L | GI_Tau_a_06_TM1   | The ALMA Disk-Exoplanet C/Onnection   | Cleeves    | CL EA EU NA | 12-m        | 6    |
| 10:25:32   | 11:45:12 | 2023.1.00286.S | HH211_a_06_TM1    | Probing Ambipolar Diffusion in the Protostellar Envelope of HH211: Measuring Ion-Neutral Drift Velocity with ALMA       | Yen        | EA          | 12-m        | 6    |
| 08:52:07   | 10:02:38 | 2023.1.00895.S | SPT2349-a_01_TM1  | Cold molecular gas in an active and massive protocluster environment at z=4.3   | Aravena    | CL          | 12-m        | 1    |
| 08:47:42   | 10:13:51 | 2023.1.00161.S | helms42x_a_09_7M  | A Comprehensive [CII] Survey of Herschel-Selected Starbursts at z=1-2   | Riechers   | EU          | 7-m         | 9    |
| 07:40:40   | 08:51:26 | 2023.1.00895.S | SPT2349-a_01_TM1  | Cold molecular gas in an active and massive protocluster environment at z=4.3   | Aravena    | CL          | 12-m        | 1    |

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|----------|----------|----------------|-------------------|--|----------|----|-------------|---|
| 06:19:42 | 07:56:27 | 2023.1.01464.S | IC_4765_a_05_7M   | Identifying the Brightest Continuum Sources Accessible to ALMA with the ACA                      | Rose     | NA | 7-m         | 5 |
| 06:03:36 | 07:30:08 | 2023.1.00177.S | HCG92_a_06_TM1    | High-resolution Mapping of Cold Molecular Gas in the Turbulent IGM of Stephan's Quintet          | Appleton | NA | 12-m        | 6 |
| 04:41:00 | 06:01:02 | 2021.1.00182.S | IRAS_171_a_07_TM1 | High-Speed Outflows and Dusty Disks during the AGB to PN Transition                              | Sahai    | NA | 12-m        | 7 |
| 04:40:40 | 06:18:59 | 2023.1.01464.S | IC_4765_a_05_7M   | Identifying the Brightest Continuum Sources Accessible to ALMA with the ACA                      | Rose     | NA | 7-m         | 5 |
| 04:00:43 | 05:30:41 | 2023.1.01515.S | DHNb72_a_07_TP    | Detailed observations of the magnetically intertwined Double Helix Nebula in the Galactic Center | Enokiya  | EA | Total Power | 7 |
| 03:01:53 | 04:34:50 | 2023.1.00525.S | IM_Lup_a_07_TM1   | Direct measurement of planet-forming gas mass using line pressure broadening                     | Yoshida  | EA | 12-m        | 7 |

## 2024-07-04

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title  | PI                 | Executive   | Array       | Band |
|------------|----------|----------------|-------------------|--|--------------------|-------------|-------------|------|
| 23:00:15   | 23:44:29 | EE11.1.00010.S | J1129+20_a_06_TM1 | 2024.1.01227.S TRR2  | Vila Vilaro        | EU          | 12-m        | 6    |
| 19:37:37   | 20:40:01 | EE11.1.00013.S | G305.794_a_03_TP  | 2024.1.00373.S TRR2  | Vila Vilaro        | EU          | Total Power | 3    |
| 17:15:35   | 18:01:46 | 2023.1.00536.S | LMCGMC_1_k_06_7M  | The ACA ORdinary Cloud Study of the Large Magellanic Cloud   | Rosolowsky         | NA          | 7-m         | 6    |
| 16:28:51   | 17:15:15 | 2023.1.00536.S | LMCGMC_1_l_06_7M  | The ACA ORdinary Cloud Study of the Large Magellanic Cloud   | Rosolowsky         | NA          | 7-m         | 6    |
| 16:23:03   | 18:03:13 | 2023.1.00766.S | MWC_758_a_07_TM1  | Spiralling into the midplane   | Fasano             | EU          | 12-m        | 7    |
| 16:05:43   | 17:35:48 | 2023.1.01643.S | OMC2_a_07_TP      | Estimating the cosmic-ray ionisation rate across OMC-2 and OMC-3   | Socci              | EU          | Total Power | 7    |
| 14:30:53   | 16:14:57 | 2023.1.00787.S | d203-506_a_07_TM1 | Organic composition of externally FUV-irradiated protoplanetary disks: the unique case of d203-506             | Goicoechea         | EU          | 12-m        | 7    |
| 13:17:55   | 14:22:33 | 2023.1.00700.S | IRAS_043_a_09_TM1 | ALMA meets JWST: is there warm molecular gas near the [Fe] jet?  | Harsono            | EA          | 12-m        | 9    |
| 11:36:29   | 13:39:02 | 2023.1.00750.S | HerBS-16_a_09_7M  | Hii gas at Cosmic Noon: An ACA survey of OIII at z = 2.5 to 5  | Bakx               | EU          | 7-m         | 9    |
| 11:14:00   | 12:50:22 | 2023.1.00121.S | NGC7582_a_08_TM1  | A multi-phase view of the gas cycle in the innermost regions of nearby AGN                                     | Garcia-Burillo     | EU          | 12-m        | 8    |
| 10:02:25   | 11:27:09 | 2023.1.00499.S | IC1623_E_a_09_7M  | Studying CO SLEDs of local LIRGs at Barcos-Munoz 100 pc resolution   |                    | NA          | 7-m         | 9    |
| 09:39:18   | 11:05:03 | 2023.1.00177.S | HCG92_a_06_TM1    | High-resolution Mapping of Cold Molecular Gas in the Turbulent IGM of Stephan's Quintet                        | Appleton           | NA          | 12-m        | 6    |
| 08:12:08   | 09:38:11 | 2023.1.00177.S | HCG92_a_06_TM1    | High-resolution Mapping of Cold Molecular Gas in the Turbulent IGM of Stephan's Quintet                        | Appleton           | NA          | 12-m        | 6    |
| 07:56:05   | 10:02:15 | 2023.1.00499.S | IIzw096_a_09_7M   | Studying CO SLEDs of local LIRGs at Barcos-Munoz 100 pc resolution   |                    | NA          | 7-m         | 9    |
| 06:47:35   | 07:49:10 | 2023.1.00360.L | G13.18+0_a_07_7M  | UNveiling the Initial Conditions of high-mass star-formation (UNIC)  | Redaelli           | CL EA EU NA | 7-m         | 7    |
| 06:42:27   | 08:08:54 | 2023.1.00177.S | HCG92_a_06_TM1    | High-resolution Mapping of Cold Molecular Gas in the Turbulent IGM of Stephan's Quintet                        | Appleton           | NA          | 12-m        | 6    |
| 04:50:09   | 06:16:17 | 2023.1.01211.S | hd_16914_a_09_TM1 | Imaging the circumplanetary disk around HD 169142 b  | Pinte              | EU          | 12-m        | 9    |
| 04:42:34   | 06:46:48 | 2023.1.00360.L | G13.18+0_a_07_7M  | UNveiling the Initial Conditions of high-mass star-formation (UNIC)  | Redaelli           | CL EA EU NA | 7-m         | 7    |
| 04:12:12   | 04:49:18 | 2021.1.00182.S | IRAS_170_a_07_TM1 | High-Speed Outflows and Dusty Disks during the AGB to PN Transition  | Sahai              | NA          | 12-m        | 7    |
| 03:20:08   | 04:11:35 | 2023.1.01211.S | hd_16914_a_09_TM1 | Imaging the circumplanetary disk around HD 169142 b  | Pinte              | EU          | 12-m        | 9    |
| 01:40:41   | 03:01:21 | 2023.1.00700.S | IRAS_153_a_09_TM1 | ALMA meets JWST: is there warm molecular gas near the [Fe] jet?  | Harsono            | EA          | 12-m        | 9    |
| 01:35:46   | 03:43:42 | 2023.1.01478.S | as209_a_08_7M     | The First Kinematic Characterization of Magnetically-driven Winds in a Protoplanetary Disk using Atomic Carbon | Galloway-Sprietsma | NA          | 7-m         | 8    |

## 2024-07-03

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title                                   | PI        | Executive | Array | Band |
|------------|----------|----------------|-------------------|---|-----------|-----------|-------|------|
| 23:38:08   | 01:22:56 | 2023.1.01488.S | 1swasp_j_a_07_TM1 | Confirming a circumplanetary disk around J1407b | Kenworthy | EU        | 12-m  | 7    |

|          |          |                |                   |  |               |             |             |    |
|----------|----------|----------------|-------------------|--|---------------|-------------|-------------|----|
| 23:06:06 | 00:51:21 | 2023.1.00884.S | ngc4535_a_07_7M   | Cloud-Scale CO excitation drivers in nearby galaxies targeted with JWST  | den Brok      | NA          | 7-m         | 7  |
| 21:44:57 | 23:29:54 | 2023.1.00189.S | AS2COS00_a_07_TM1 | Mapping the dustiest galaxies in the Universe with ALMA+JWST   | Hodge         | EU          | 12-m        | 7  |
| 20:49:27 | 22:58:33 | 2023.1.01313.S | SHIZELS-_a_09_7M  | Mapping star formation at cosmic noon: making the most of ALMA Cycle 8 data  | Cochrane      | NA          | 7-m         | 9  |
| 20:10:24 | 20:27:18 | 2023.1.00026.S | NGC4383_a_06_TP   | Virgo High-resolution CO(2-1) Survey: Sun Dissecting Galaxy Quenching with Molecular Cloud Scale "Micro-physics"   |               | NA          | Total Power | 6  |
| 20:04:25 | 21:44:52 | 2019.1.00226.S | DC818760_a_07_TM1 | A kpc-scale view to the dust and gas content of typical star forming ALPINE galaxies at z~4.6                      | Ibar          | CL          | 12-m        | 7  |
| 19:18:37 | 20:09:32 | 2023.1.00052.S | Region1_a_03_TP   | The effect of the massive stellar feedback across the Carina Nebula Complex  | Rebolledo     | NA          | Total Power | 3  |
| 18:41:38 | 19:38:22 | 2023.1.01527.S | 1-N166_bb_06_7M   | A comprehensive molecular gas study in the CO Arc region in the Large Magellanic Cloud                             | Yamada        | EA          | 7-m         | 6  |
| 18:23:17 | 19:59:29 | 2023.1.01567.S | B14-6566_a_08_TM1 | Big Three Dragons: Spatially Resolving the Ionized Gas and Dust Structures of the Bright Merging System in the EoR | Sugahara      | EA          | 12-m        | 8  |
| 18:21:01 | 19:04:41 | 2023.1.01527.S | 1-N166_a_06_TP    | A comprehensive molecular gas study in the CO Arc region in the Large Magellanic Cloud                             | Yamada        | EA          | Total Power | 6  |
| 17:32:25 | 18:16:50 | 2023.1.01527.S | 1-N166_a_06_TP    | A comprehensive molecular gas study in the CO Arc region in the Large Magellanic Cloud                             | Yamada        | EA          | Total Power | 6  |
| 17:12:23 | 17:50:26 | 2023.1.01567.S | B14-6566_a_08_TM1 | Big Three Dragons: Spatially Resolving the Ionized Gas and Dust Structures of the Bright Merging System in the EoR | Sugahara      | EA          | 12-m        | 8  |
| 17:11:21 | 18:36:55 | 2023.1.00687.S | N159E_a_03_7M     | Resolved, Wide Field Maps of Dense Gas Tracers in LMC Clouds   | Green         | NA          | 7-m         | 3  |
| 15:19:48 | 17:00:57 | 2023.1.00787.S | d203-506_a_07_TM1 | Organic composition of externally FUV-irradiated protoplanetary disks: the unique case of d203-506                 | Goicoechea    | EU          | 12-m        | 7  |
| 13:47:08 | 15:09:25 | 2023.1.01728.S | HOPS-92_a_07_TM1  | Characterizing the Orbital Motion of Close Protostellar Multiples  | Tobin         | NA          | 12-m        | 7  |
| 13:16:56 | 14:40:26 | 2023.1.00564.S | HL_Tau_a_08_7M    | Gas and Ice: Inheritance or Reset in Taurus planet forming disks?  | Sturm         | EU          | 7-m         | 8  |
| 11:59:08 | 13:41:21 | 2023.1.00634.S | HV_Tau_C_a_07_TM1 | Chemical effects of mm-sized grain settling in edge-on protoplanetary disks  | Qi            | NA          | 12-m        | 7  |
| 11:36:59 | 12:36:43 | 2023.1.01524.S | NGC0835_a_06_7M   | The Star Formation Quenching Survey of the Local Universe  | Colombo       | EU          | 7-m         | 6  |
| 10:37:20 | 11:48:04 | 2023.1.00895.S | SPT2349-_a_01_TM1 | Cold molecular gas in an active and massive protocluster environment at z=4.3                                      | Aravena       | CL          | 12-m        | 1  |
| 09:39:54 | 10:16:00 | 2023.1.00177.S | HCG92_a_06_TM1    | High-resolution Mapping of Cold Molecular Gas in the Turbulent IGM of Stephan's Quintet                            | Appleton      | NA          | 12-m        | 6  |
| 08:13:02 | 09:39:10 | 2023.1.00177.S | HCG92_a_06_TM1    | High-resolution Mapping of Cold Molecular Gas in the Turbulent IGM of Stephan's Quintet                            | Appleton      | NA          | 12-m        | 6  |
| 07:24:44 | 09:23:10 | 2023.1.00499.S | NGC7469_a_10_7M   | Studying CO SLEDs of local LIRGs at 100 pc resolution  | Barcos-Munoz  | NA          | 7-m         | 10 |
| 06:41:03 | 08:12:50 | 2023.1.00877.S | HD169142_a_07_TM1 | Chemical Signatures of a Recently-Confirmed Giant Protoplanet in the HD 169142 Disk                                | Law           | NA          | 12-m        | 7  |
| 05:19:32 | 06:40:14 | 2023.1.00525.S | AS_209_a_07_TM1   | Direct measurement of planet-forming gas mass using line pressure broadening                                       | Yoshida       | EA          | 12-m        | 7  |
| 04:10:11 | 05:12:56 | 2023.1.01431.S | IRAS_162_a_05_TM1 | Unveiling the water content during planet formation  | Facchini      | EU          | 12-m        | 5  |
| 03:45:24 | 05:48:59 | 2023.1.00360.L | G13.18+0_a_07_7M  | UNveiling the Initial Conditions of high-mass star-formation (UNIC)  | Redaelli      | CL EA EU NA | 7-m         | 7  |
| 03:02:08 | 04:10:08 | 2023.1.00098.S | OH357.98_a_03_TM1 | Constraining the stellar mass-loss-rate evolution on the AGB (and slightly beyond)                                 | Olofsson      | EU          | 12-m        | 3  |
| 01:25:45 | 02:52:23 | 2023.1.01382.S | I16547_a_05_TM1   | A quest for S-bearing refractory species   | Sanchez-Monge | EU          | 12-m        | 5  |
| 00:24:33 | 01:25:41 | 2023.1.01431.S | IRAS_162_a_05_TM1 | Unveiling the water content during planet formation  | Facchini      | EU          | 12-m        | 5  |

|          |          |                |                |   |    |     |    |
|----------|----------|----------------|----------------|---|----|-----|----|
| 00:15:12 | 02:19:24 | 2023.1.00499.S | VV340a_a_10_7M | Studying CO SLEDs of local LIRGs at Barcos-Munoz<br>100 pc resolution | NA | 7-m | 10 |
|----------|----------|----------------|----------------|---|----|-----|----|

**2024-07-02**

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title  | PI                 | Executive | Array | Band |
|------------|----------|----------------|-------------------|--|--------------------|-----------|-------|------|
| 22:57:51   | 00:08:59 | 2023.1.00700.S | IRAS_153_b_09_TM1 | ALMA meets JWST: is there warm molecular gas near the [Fe] jet?  | Harsono            | EA        | 12-m  | 9    |
| 22:03:40   | 00:13:59 | 2023.1.00228.S | NGC_5104_a_10_7M  | Resolved CI study of different star forming environment  | He                 | NA        | 7-m   | 10   |
| 21:07:23   | 22:35:49 | 2023.1.01431.S | HD_10054_a_05_TM1 | Unveiling the water content during planet formation  | Facchini           | EU        | 12-m  | 5    |
| 20:07:24   | 20:55:38 | 2023.1.00740.S | CGCG037-_a_05_TM1 | Exploring New 183 GHz Megamasers in Seyfert 2 Galaxies   | Braatz             | NA        | 12-m  | 5    |
| 20:02:03   | 21:47:43 | 2023.1.00884.S | ngc4535_a_07_7M   | Cloud-Scale CO excitation drivers in nearby galaxies targeted with JWST  | den Brok           | NA        | 7-m   | 7    |
| 17:53:28   | 19:49:29 | 2023.1.00299.S | PJ0846_a_09_7M    | Resolved Multi-J CO/[CI] study of a strongly lensed, Planck-selected z = 2.66 dusty protocluster of at least 9 DSFGs | Foo                | NA        | 7-m   | 9    |
| 17:51:46   | 19:32:19 | 2019.1.00226.S | DC818760_a_07_TM1 | A kpc-scale view to the dust and gas content of typical star forming ALPINE galaxies at z~4.6                        | Ibar               | CL        | 12-m  | 7    |
| 16:28:22   | 17:50:45 | 2023.1.00161.S | herbs183_a_09_7M  | A Comprehensive [CII] Survey of Herschel-Selected Starbursts at z=1-2  | Riechers           | EU        | 7-m   | 9    |
| 16:22:41   | 17:44:55 | 2023.1.00494.S | HOPS-84_a_06_TM1  | Characterizing the Water D/H Ratio in Orion Protostars: Clustered vs. Isolated Protostars                            | Tobin              | NA        | 12-m  | 6    |
| 15:00:25   | 16:22:36 | 2023.1.01728.S | HOPS-92_a_07_TM1  | Characterizing the Orbital Motion of Close Protostellar Multiples  | Tobin              | NA        | 12-m  | 7    |
| 14:13:38   | 16:24:49 | 2023.1.00717.S | W_Ori_a_10_7M     | ACA Band 10 survey of HCN lasers in carbon-rich stars  | Wong               | EU        | 7-m   | 10   |
| 13:48:37   | 14:52:05 | 2023.1.00700.S | TMC1A_a_09_TM1    | ALMA meets JWST: is there warm molecular gas near the [Fe] jet?  | Harsono            | EA        | 12-m  | 9    |
| 12:27:55   | 13:48:32 | 2023.1.00700.S | IRAS_043_b_09_TM1 | ALMA meets JWST: is there warm molecular gas near the [Fe] jet?  | Harsono            | EA        | 12-m  | 9    |
| 12:03:02   | 14:13:29 | 2023.1.00499.S | III_Zw_0_a_10_7M  | Studying CO SLEDs of local LIRGs at Barcos-Munoz<br>100 pc resolution  | NA                 | 7-m       | 10    |      |
| 10:20:33   | 11:14:37 | 2023.1.00812.S | NGC_7319_a_03_TM1 | Comprehensive Study of Molecular Gas in Tidal Dwarf Galaxies   | Moncada Cuadri     | EU        | 12-m  | 3    |
| 10:01:06   | 12:02:53 | 2023.1.00499.S | NGC7469_a_10_7M   | Studying CO SLEDs of local LIRGs at Barcos-Munoz<br>100 pc resolution  | NA                 | 7-m       | 10    |      |
| 08:51:43   | 10:17:47 | 2023.1.00177.S | HCG92_a_06_TM1    | High-resolution Mapping of Cold Molecular Gas in the Turbulent IGM of Stephan's Quintet                              | Appleton           | NA        | 12-m  | 6    |
| 08:01:58   | 08:51:38 | 2023.1.00942.S | IRAS2249_a_08_TM1 | The most obscured AGN revealed by the 448 GHz water transition   | Pereira Santaella  | EU        | 12-m  | 8    |
| 07:46:38   | 09:53:53 | 2023.1.00499.S | NGC7469_b_10_7M   | Studying CO SLEDs of local LIRGs at Barcos-Munoz<br>100 pc resolution  | NA                 | 7-m       | 10    |      |
| 06:29:19   | 07:51:22 | 2023.1.00098.S | OH002.18_a_07_TM1 | Constraining the stellar mass-loss-rate evolution on the AGB (and slightly beyond)                                   | Olofsson           | EU        | 12-m  | 7    |
| 05:33:47   | 07:46:31 | 2023.1.00228.S | IRAS_F18_a_10_7M  | Resolved CI study of different star forming environment  | He                 | NA        | 7-m   | 10   |
| 04:56:57   | 06:23:05 | 2023.1.01211.S | hd_16914_a_09_TM1 | Imaging the circumplanetary disk around HD 169142 b  | Pinte              | EU        | 12-m  | 9    |
| 03:21:11   | 04:48:54 | 2023.1.01211.S | hd_16914_a_09_TM1 | Imaging the circumplanetary disk around HD 169142 b  | Pinte              | EU        | 12-m  | 9    |
| 02:13:25   | 04:21:38 | 2023.1.01478.S | as209_a_08_7M     | The First Kinematic Characterization of Magnetically-driven Winds in a Protoplanetary Disk using Atomic Carbon       | Galloway-Sprietsma | NA        | 7-m   | 8    |
| 01:48:50   | 03:21:07 | 2023.1.00387.S | HD141569_a_07_TM1 | Probing the transition from protoplanetary to debris disc in the Herbig AeBe star HD141569                           | Marino             | EU        | 12-m  | 7    |
| 00:07:19   | 01:40:12 | 2023.1.00387.S | HD141569_a_07_TM1 | Probing the transition from protoplanetary to debris disc in the Herbig AeBe star HD141569                           | Marino             | EU        | 12-m  | 7    |

**2024-07-01**

| Start (UT) | End (UT) | Project Code   | SchedBlock       | Project Title   | PI        | Executive   | Array       | Band |
|------------|----------|----------------|------------------|---|-----------|-------------|-------------|------|
| 23:03:15   | 00:44:31 | 2023.1.00360.L | G326.99-_a_07_TP | UNveiling the Initial Conditions of high-mass star-formation (UNIC) | Redaelli  | CL EA EU NA | Total Power | 7    |
| 23:00:03   | 00:44:01 | 2019.2.00120.S | IRAS_160_b_07_7M | The Nearby Evolved Stars Survey: quantifying the gas and            | Sciocluna | EA          | 7-m         | 7    |

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|----------|----------|----------------|-------------------|--|----------|----|-------------|---|
| 22:46:57 | 00:07:15 | 2023.1.00600.S | BHR71_a_09_TM1    | dust return to the Galactic interstellar medium  |          | EA | 12-m        | 9 |
| 21:00:25 | 22:53:10 | 2023.1.00161.S | G09v1.40_a_09_7M  | A hybrid approach to measure the 3D Yang infall kinematics in an isolated protosellar core                         |          | EU | 7-m         | 9 |
| 20:44:58 | 22:20:38 | 2023.1.01567.S | B14-6566_a_08_TM1 | A Comprehensive [CII] Survey of Herschel-Selected Starbursts at z=1-2  | Riechers | EA | 12-m        | 8 |
| 19:19:33 | 20:23:21 | 2023.1.00196.S | I_Car_b_06_TM1    | Big Three Dragons: Spatially Resolving the Ionized Gas and Dust Structures of the Bright Merging System in the EoR | Sugahara | EU | 12-m        | 6 |
| 18:55:31 | 19:41:43 | 2023.1.01527.S | 1-N166_bd_06_TP   | The circumstellar envelopes of Cepheids and their impact on the PL relation at the JWST and ELT era                | Kaminski | EA | Total Power | 6 |
| 18:28:31 | 20:09:28 | 2023.1.01643.S | OMC2_a_07_7M      | A comprehensive molecular gas study in the CO Arc region in the Large Magellanic Cloud                             | Yamada   | EU | 7-m         | 7 |
|          |          |                |                   | Estimating the cosmic-ray ionisation rate across OMC-2 and OMC-3   | Socci    | EU | 7-m         | 7 |