# ALMA Observing Activity from 2020-03-02T17:59:00 to 2020-03-09T18:00:00
## QA0 pass executions

### 2020-03-09

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 11:05:26 | 11:45:01 | 2019.2.00093.S | G343.75-_h_03_7M | Newly discovered hot core precursors: early warm-up phase and diversity | Csengeri | EU | 7-m | 3 |
| 10:25:57 | 11:58:18 | 2019.2.00093.S | G328.25-_b_03_TP | Newly discovered hot core precursors: early warm-up phase and diversity | Csengeri | EU | Total Power | 3 |
| 10:14:07 | 11:05:19 | 2019.2.00235.S | EM_star_c_03_7M | A legacy survey of Wolf-Rayet star winds | Phillips | EU | 7-m | 3 |
| 10:02:31 | 10:45:24 | 2019.1.00092.S | BrickMas_b_03_TM1 | What lines trace which processes in the CMZ? | Ginsburg | NA | 12-m | 3 |
| 09:28:44 | 10:25:50 | 2019.1.01326.S | Position_b_03_TP | Localized Feedback Processes in the Galactic CMZ | Candelaria | NA | Total Power | 3 |
| 09:05:54 | 10:13:59 | 2019.2.00093.S | G328.25-_a_03_7M | Newly discovered hot core precursors: early warm-up phase and diversity | Csengeri | EU | 7-m | 3 |
| 08:58:24 | 10:02:24 | 2019.1.01607.S | Quintupl_a_03_TM2 | Mass-loss and the evolution of the most massive stars in the Galaxy | Clark | EU | 12-m | 3 |
| 07:57:46 | 09:05:47 | 2019.2.00093.S | G328.25-_a_03_7M | Newly discovered hot core precursors: early warm-up phase and diversity | Csengeri | EU | 7-m | 3 |
| 07:56:03 | 09:28:37 | 2019.2.00093.S | G328.25-_b_03_TP | Newly discovered hot core precursors: early warm-up phase and diversity | Csengeri | EU | Total Power | 3 |
| 07:00:16 | 07:57:39 | 2019.2.00169.S | eso381-5_a_03_7M | Molecular gas in HI eXtreme galaxies | Lutz | EU | 7-m | 3 |
| 06:23:38 | 07:55:56 | 2019.2.00093.S | G328.25-_b_03_TP | Newly discovered hot core precursors: early warm-up phase and diversity | Csengeri | EU | Total Power | 3 |
| 05:41:41 | 06:07:30 | 2019.1.01484.T | GRB20030_b_03_TM1 | Gamma-ray Burst Physics with ALMA: Direct Implications for the Explosions and Progenitors | Laskar | EU | 12-m | 3 |
| 05:40:00 | 07:00:09 | 2019.2.00134.S | NGC_4303_a_03_7M | An ACA Survey of Dense Gas in Nearby Galaxies | Usero | EU | 7-m | 3 |
| 04:19:19 | 05:39:53 | 2019.2.00134.S | NGC_4303_a_03_7M | An ACA Survey of Dense Gas in Nearby Galaxies | Usero | EU | 7-m | 3 |
| 03:01:52 | 04:19:12 | 2019.2.00135.S | Region7_a_03_7M | The effect of the massive stellar feedback across the Carina Nebula Complex | Rebolledo | NA | 7-m | 3 |
| 01:54:23 | 03:01:46 | 2019.2.00172.S | T_Pyx_a_04_7M | The Large scale structure of the recurrent nov T pyx | Schmidtobreick | EU | 7-m | 4 |
| 00:06:39 | 01:41:04 | 2019.2.00081.S | bullet_c_a_03_7M | Extended Measurements of the Most Energetic Event in the Universe | Di Mascolo | EU | 7-m | 3 |

### 2020-03-08

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 22:42:54 | 00:06:33 | 2019.2.00081.S | bullet_c_a_03_7M | Extended Measurements of the Most Energetic Event in the Universe | Di Mascolo | EU | 7-m | 3 |
| 22:40:11 | 23:31:57 | 2019.1.00708.S | B1-a_a_03_TM1 | Resolving the emission of phosphorus carriers in a protosolar analog | Bergner | NA | 12-m | 3 |
| 20:19:35 | 21:49:11 | 2019.2.00139.S | NGC1300_a_03_7M | Investigating Diffuse Molecular Gases in the Strongly Barred Galaxy NGC 1300 | Maeda | EA | 7-m | 3 |
| 19:47:08 | 20:47:36 | 2019.1.00603.S | ring_a_03_TM1 | A galaxy on fire: witnessing the initial phase of starburst in the core of a distant cluster? | Lin | EA | 12-m | 3 |
| 18:46:13 | 19:47:02 | 2019.1.00603.S | ring_a_03_TM1 | A galaxy on fire: witnessing the initial phase of starburst in the core of a distant cluster? | Lin | EA | 12-m | 3 |
| 18:39:10 | 20:04:04 | 2019.2.00139.S | NGC1300_a_03_7M | Investigating Diffuse Molecular Gases in the Strongly Barred Galaxy NGC 1300 | Maeda | EA | 7-m | 3 |
| 17:07:10 | 17:54:40 | 2019.2.00126.S | NGC_7252_a_03_7M | Can Isotopologue Line Ratios Probe the IMF in Extremely Star-Forming Galaxies? | Brown | NA | 7-m | 3 |
| 15:24:48 | 16:59:07 | 2019.2.00067.S | SPT-CLJ2_a_03_7M | A Search for Shocks in the Rare Massive Merging Cluster SPT-CLJ2031-4037 | Mroczkowski | EU | 7-m | 3 |

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|---|---|---|---|---|---|---|---|---|
| 14:12:08 | 15:26:53 | 2019.2.00146.S | I19368_a_03_TP | Tracing the Flow into Dense Cores in High-Mass Star Forming Filaments | Lu | EA | Total Power | 3 |
| 13:30:52 | 14:39:49 | 2019.1.00021.S | S_Sct_a_03_TM1 | The structure of the detached shells around DR Ser, V644 Sco, and S Sct | Maercker | EU | 12-m | 3 |
| 12:46:17 | 14:06:06 | 2019.1.01556.S | SDC13_a_03_TP | On the universality of fibres in star forming filaments | Williams | EU | Total Power | 3 |
| 12:25:52 | 13:40:44 | 2019.2.00235.S | HD_19091_a_03_7M | A legacy survey of Wolf-Rayet star winds | Phillips | EU | 7-m | 3 |
| 12:20:19 | 13:30:36 | 2019.1.01556.S | SDC13_a_03_TM1 | On the universality of fibres in star forming filaments | Williams | EU | 12-m | 3 |
| 11:55:31 | 12:14:06 | 2018.1.01503.S | G014.23-_a_03_TM2 | Detection of a circumbinary disk around the high-mass protostar G 014.23-00.50 showing periodic flux variability | Sugiyama | EA | 12-m | 3 |
| 11:27:31 | 12:11:21 | 2019.2.00093.S | G343.75-_b_03_7M | Newly discovered hot core precursors: early warm-up phase and diversity | Csengeri | EU | 7-m | 3 |
| 10:56:31 | 12:20:32 | 2019.1.01556.S | SDC13_a_03_TP | On the universality of fibres in star forming filaments | Williams | EU | Total Power | 3 |
| 10:36:20 | 11:47:22 | 2019.1.01556.S | SDC13_a_03_TM1 | On the universality of fibres in star forming filaments | Williams | EU | 12-m | 3 |
| 10:10:23 | 11:20:03 | 2019.1.01364.S | G350_a_06_7M | How to form massive star and cluster in subsonic-to-transonic molecular clouds? | Cui | EA | 7-m | 6 |
| 09:40:42 | 10:56:24 | 2019.1.01556.S | SDC13_a_03_TP | On the universality of fibres in star forming filaments | Williams | EU | Total Power | 3 |
| 09:19:02 | 10:29:26 | 2019.1.01556.S | SDC13_a_03_TM1 | On the universality of fibres in star forming filaments | Williams | EU | 12-m | 3 |
| 08:59:27 | 10:01:53 | 2019.2.00235.S | CD-38_11_a_03_7M | A legacy survey of Wolf-Rayet star winds | Phillips | EU | 7-m | 3 |
| 08:19:10 | 08:58:14 | 2019.2.00093.S | G320.23-_b_03_7M | Newly discovered hot core precursors: early warm-up phase and diversity | Csengeri | EU | 7-m | 3 |
| 07:38:02 | 08:18:09 | 2019.2.00093.S | G320.23-_a_03_7M | Newly discovered hot core precursors: early warm-up phase and diversity | Csengeri | EU | 7-m | 3 |
| 06:36:59 | 07:37:55 | 2019.2.00169.S | eso378-3_a_03_7M | Molecular gas in HI eXtreme galaxies | Lutz | EU | 7-m | 3 |
| 05:06:48 | 06:36:52 | 2019.1.01251.S | Q1230+33_a_04_7M | SUPERCOLD-CGM: a high-z survey of molecular gas across the circum-galactic medium of Enormous Lya Nebulae | Emonts | NA | 7-m | 4 |
| 05:05:09 | 05:30:25 | 2019.1.01484.T | GRB20030_a_03_TM1 | Gamma-ray Burst Physics with ALMA: Direct Implications for the Explosions and Progenitors | Laskar | EU | 12-m | 3 |
| 04:04:46 | 05:06:03 | 2019.2.00169.S | eso378-3_a_03_7M | Molecular gas in HI eXtreme galaxies | Lutz | EU | 7-m | 3 |
| 02:38:29 | 03:59:18 | 2019.2.00118.S | CID346_a_03_7M | Detecting the molecular CGM around an AGN at z=2 | Mainieri | EU | 7-m | 3 |
| 01:03:54 | 02:38:23 | 2019.2.00081.S | bullet_c_a_03_7M | Extended Measurements of the Most Energetic Event in the Universe | Di Mascolo | EU | 7-m | 3 |

**2020-03-07**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 23:27:00 | 00:50:32 | 2019.2.00081.S | bullet_c_a_03_7M | Extended Measurements of the Most Energetic Event in the Universe | Di Mascolo | EU | 7-m | 3 |
| 15:00:06 | 16:04:31 | 2019.2.00027.S | W2246-05_a_04_7M | A Pilot Study of Warm Molecular Gas in High-redshift Obscured Quasars | Diaz-Santos | CL | 7-m | 4 |
| 14:44:59 | 15:30:11 | 2019.1.00021.S | S_Sct_a_03_TM1 | The structure of the detached shells around DR Ser, V644 Sco, and S Sct | Maercker | EU | 12-m | 3 |
| 14:31:48 | 15:30:34 | 2019.2.00146.S | I19368_a_03_TP | Tracing the Flow into Dense Cores in High-Mass Star Forming Filaments | Lu | EA | Total Power | 3 |
| 13:29:14 | 14:52:37 | 2019.2.00097.S | 2MASS_J1_a_04_7M | Probing the physical and chemical structure of dense cores: toward understanding methanol formation | Harsono | EA | 7-m | 4 |
| 13:23:24 | 14:33:13 | 2019.1.00021.S | S_Sct_a_03_TM1 | The structure of the detached shells around DR Ser, V644 Sco, and S Sct | Maercker | EU | 12-m | 3 |

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|---|---|---|---|---|---|---|---|---|
| 13:11:51 | 14:31:41 | 2019.1.01556.S | SDC13_a_03_TP | On the universality of fibres in star forming filaments | Williams | EU | Total Power | 3 |
| 12:33:59 | 13:29:07 | 2019.1.01400.S | W28_e_06_7M | A Quest for the Formation Mechanism of Molecular Filaments | Sano | EA | 7-m | 6 |
| 12:12:11 | 13:23:17 | 2019.1.01556.S | SDC13_a_03_TM1 | On the universality of fibres in star forming filaments | Williams | EU | 12-m | 3 |
| 11:51:17 | 12:26:35 | 2019.2.00235.S | EM_star_b_06_7M | A legacy survey of Wolf-Rayet star winds | Phillips | EU | 7-m | 6 |
| 11:22:10 | 12:47:31 | 2019.1.01556.S | SDC13_a_03_TP | On the universality of fibres in star forming filaments | Williams | EU | Total Power | 3 |
| 10:20:42 | 11:42:12 | 2019.1.00195.L | 100132_a_06_7M | ALMAGAL: ALMA Evolutionary study of High Mass Protocluster Formation in the Galaxy | Molinari | EA EU NA | 7-m | 6 |
| 10:19:38 | 11:29:45 | 2019.1.01556.S | SDC13_a_03_TM1 | On the universality of fibres in star forming filaments | Williams | EU | 12-m | 3 |
| 10:05:39 | 11:21:45 | 2019.1.01556.S | SDC13_a_03_TP | On the universality of fibres in star forming filaments | Williams | EU | Total Power | 3 |
| 09:10:26 | 10:20:30 | 2019.1.01364.S | G350_a_06_7M | How to form massive star and cluster in subsonic-to-transonic molecular clouds? | Cui | EA | 7-m | 6 |
| 09:09:04 | 10:19:31 | 2019.1.01556.S | SDC13_a_03_TM1 | On the universality of fibres in star forming filaments | Williams | EU | 12-m | 3 |
| 08:15:32 | 09:09:39 | 2019.2.00155.S | HerBS-13_c_03_7M | The home stretch: Completing the redshift catalogue of a large flux-limited high-redshift Herschel sample | Bakx | EA | 7-m | 3 |
| 07:58:18 | 09:05:19 | 2019.1.01446.S | NCG6334I_a_04_TM1 | Search for interstellar precursors of adenine | Favre | EU | 12-m | 4 |
| 06:57:41 | 08:15:25 | 2019.1.00763.L | NGC_4501_a_06_7M | VERTICO: The Virgo Environment Traced in CO | Brown | EA EU NA | 7-m | 6 |
| 05:16:22 | 06:48:53 | 2019.1.01251.S | Q1228+31_a_04_7M | SUPERCOLD-CGM: a high-z survey of molecular gas across the circum-galactic medium of Enormous Lya Nebulae | Emonts | NA | 7-m | 4 |
| 03:45:59 | 05:06:20 | 2019.2.00118.S | CID346_a_03_7M | Detecting the molecular CGM around an AGN at z=2 | Mainieri | EU | 7-m | 3 |
| 03:22:27 | 03:58:10 | 2019.1.01457.S | SDSS_J_0_a_05_TM1 | CO excitation and star-formation in gas-selected galaxies from z=0.5 to z=2.6 | Christensen | EU | 12-m | 5 |
| 02:24:46 | 03:45:51 | 2019.2.00118.S | CID346_a_03_7M | Detecting the molecular CGM around an AGN at z=2 | Mainieri | EU | 7-m | 3 |
| 02:03:14 | 02:59:43 | 2019.1.00459.S | Alpine_a_1_04_TM1 | Evolution of ISM Masses in the First 2 Gyr at z = 3 - 6 | Scoville | NA | 12-m | 4 |
| 01:06:14 | 02:03:07 | 2019.1.00459.S | Alpine_a_1_04_TM1 | Evolution of ISM Masses in the First 2 Gyr at z = 3 - 6 | Scoville | NA | 12-m | 4 |

## 2020-03-06

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 23:53:26 | 01:16:43 | 2019.2.00081.S | bullet_c_a_03_7M | Extended Measurements of the Most Energetic Event in the Universe | Di Mascolo | EU | 7-m | 3 |
| 22:46:43 | 23:05:23 | 2019.1.01809.S | 3C111A_a_03_TM1 | ALMA-SPONGE: the role of neutral hydrogen in diffuse interstellar chemistry | Stanimirovic | NA | 12-m | 3 |
| 22:28:33 | 23:52:32 | 2019.2.00081.S | bullet_c_a_03_7M | Extended Measurements of the Most Energetic Event in the Universe | Di Mascolo | EU | 7-m | 3 |
| 20:59:18 | 22:28:25 | 2019.2.00139.S | NGC1300_a_03_7M | Investigating Diffuse Molecular Gases in the Strongly Barred Galaxy NGC 1300 | Maeda | EA | 7-m | 3 |
| 20:19:59 | 21:20:19 | 2019.1.00603.S | ring_a_03_TM1 | A galaxy on fire: witnessing the initial phase of starburst in the core of a distant cluster? | Lin | EA | 12-m | 3 |
| 19:26:20 | 20:50:20 | 2019.2.00218.S | basic19+_b_03_7M | ACA Linescan of 2 z>5 SMGs in the CDF-S | Bauer | CL | 7-m | 3 |
| 11:21:42 | 11:57:43 | 2019.1.01472.S | IRAS1836_a_06_TM1 | Self-similar fragmentation of cold cores on the verge of forming massive stars? | Zhang | NA | 12-m | 6 |
| 10:48:09 | 11:57:35 | 2018.A.00056.S | R_CrA_d_06_TP | Core mass function and formation mechanism of very low-mass stars | Tachihara | EA | Total Power | 6 |
| 10:41:36 | 12:05:10 | 2019.1.00195.L | 100132_a_06_7M | ALMAGAL: ALMA Evolutionary study of High Mass Protocluster Formation in the Galaxy | Molinari | EA EU NA | 7-m | 6 |

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|---|---|---|---|---|---|---|---|---|
| 10:12:05 | 11:21:35 | 2019.1.00312.S | Lupus3MM_a_06_TM1 | Hall effect enabling the formation of a large Keplerian disk around the protostar Lupus 3 MMS? | Yen | EA | 12-m | 6 |
| 09:31:56 | 10:48:02 | 2019.1.01556.S | SDC13_a_03_TP | On the universality of fibres in star forming filaments | Williams | EU | Total Power | 3 |
| 09:31:14 | 10:41:25 | 2019.1.01364.S | G350_a_06_7M | How to form massive star and cluster in subsonic-to-transonic molecular clouds? | Cui | EA | 7-m | 6 |
| 09:18:14 | 10:11:59 | 2019.1.01619.S | PDS_70_b_06_TM2 | Tracing Volatile Delivery onto Forming Giant Planets PDS 70 b and c | Facchini | EU | 12-m | 6 |
| 08:19:44 | 09:18:08 | 2019.1.01619.S | PDS_70_a_06_TM2 | Tracing Volatile Delivery onto Forming Giant Planets PDS 70 b and c | Facchini | EU | 12-m | 6 |
| 06:06:41 | 07:39:09 | 2019.1.01251.S | Q1228+31_a_04_7M | SUPERCOLD-CGM: a high-z survey of molecular gas across the circum-galactic medium of Enormous Lya Nebulae | Emonts | NA | 7-m | 4 |
| 05:44:30 | 06:50:39 | 2019.1.01461.S | Pisco_a_03_TM1 | The ALMA revolution: Physical conditions of the most distant quasar host galaxy | Banados | EU | 12-m | 3 |
| 04:36:58 | 05:33:48 | 2019.1.00459.S | Alpine_a_1_04_TM1 | Evolution of ISM Masses in the First 2 Gyr at z = 3 - 6 | Scoville | NA | 12-m | 4 |
| 04:33:58 | 06:06:34 | 2019.1.01251.S | Q1228+31_a_04_7M | SUPERCOLD-CGM: a high-z survey of molecular gas across the circum-galactic medium of Enormous Lya Nebulae | Emonts | NA | 7-m | 4 |
| 03:40:08 | 04:36:53 | 2019.1.00459.S | Alpine_a_1_04_TM1 | Evolution of ISM Masses in the First 2 Gyr at z = 3 - 6 | Scoville | NA | 12-m | 4 |
| 03:10:32 | 04:31:01 | 2019.2.00118.S | CID346_a_03_7M | Detecting the molecular CGM around an AGN at z=2 | Mainieri | EU | 7-m | 3 |
| 01:51:14 | 02:48:12 | 2019.1.00459.S | Alpine_a_1_04_TM1 | Evolution of ISM Masses in the First 2 Gyr at z = 3 - 6 | Scoville | NA | 12-m | 4 |
| 01:34:32 | 01:51:08 | 2019.1.01709.S | 3C189_a_03_TM1 | Probing the spectral evolution of jets with ALMA | Meyer | NA | 12-m | 3 |
| 00:26:25 | 02:00:53 | 2019.2.00081.S | bullet_c_a_03_7M | Extended Measurements of the Most Energetic Event in the Universe | Di Mascolo | EU | 7-m | 3 |

**2020-03-05**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 23:28:12 | 00:37:02 | 2019.1.01132.S | NGC1482_b_03_TM1 | Molecular gas in the starburst-driven superwind of NGC 1482 | Salak | EA | 12-m | 3 |
| 22:28:13 | 23:48:06 | 2019.2.00218.S | basic19+_b_03_7M | ACA Linescan of 2 z>5 SMGs in the CDF-S | Bauer | CL | 7-m | 3 |
| 22:08:40 | 23:18:53 | 2019.1.01132.S | NGC1482_b_03_TM1 | Molecular gas in the starburst-driven superwind of NGC 1482 | Salak | EA | 12-m | 3 |
| 21:03:15 | 22:26:54 | 2019.2.00167.S | L1448-C_a_03_7M | Grain growth in the youngest protostellar envelopes: the pristine properties of star and planet-forming material | Galametz | EU | 7-m | 3 |
| 20:14:35 | 21:16:04 | 2019.1.01406.T | SN2019wx_a_03_TM1 | The properties of compact-object mergers detected by LIGO and VIRGO | de Ugarte Postigo | EU | 12-m | 3 |
| 19:12:14 | 20:14:06 | 2019.1.01406.T | SN2019wx_a_03_TM1 | The properties of compact-object mergers detected by LIGO and VIRGO | de Ugarte Postigo | EU | 12-m | 3 |
| 19:02:28 | 20:26:39 | 2019.2.00218.S | basic19+_b_03_7M | ACA Linescan of 2 z>5 SMGs in the CDF-S | Bauer | CL | 7-m | 3 |
| 17:40:34 | 19:02:22 | 2019.2.00126.S | NGC_7252_a_03_7M | Can Isotopologue Line Ratios Probe the IMF in Extremely Star-Forming Galaxies? | Brown | NA | 7-m | 3 |
| 17:26:06 | 18:26:24 | 2019.1.00603.S | ring_a_03_TM1 | A galaxy on fire: witnessing the initial phase of starburst in the core of a distant cluster? | Lin | EA | 12-m | 3 |
| 16:08:23 | 16:51:41 | 2019.1.01677.S | SPT-S_J2_b_06_TM1 | Probing spatially resolved winds in powerful starbursts at high redshift with Hydrogen Fluoride | Lehnert | EU | 12-m | 6 |
| 16:02:48 | 17:08:14 | 2019.2.00015.S | NGC_6822_c_06_TP | Wide-Field CO Survey of 4 Metal-Poor Dwarf Galaxies | Imara | NA | Total Power | 6 |
| 15:58:24 | 17:32:29 | 2019.2.00067.S | SPT-CLJ2_a_03_7M | A Search for Shocks in the Rare Massive Merging Cluster SPT-CLJ2031-4037 | Mroczkowski | EU | 7-m | 3 |
| 15:10:38 | 16:00:11 | 2019.1.01677.S | SPT-S_J2_a_06_TM1 | Probing spatially resolved winds in powerful starbursts at high redshift with Hydrogen Fluoride | Lehnert | EU | 12-m | 6 |

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|---|---|---|---|---|---|---|---|---|
| 14:56:13 | 16:02:41 | 2018.A.00056.S | R_CrA_d_06_TP | Core mass function and formation mechanism of very low-mass stars | Tachihara | EA | Total Power | 6 |
| 13:34:26 | 14:48:45 | 2019.1.01400.S | W28_e_06_TP | A Quest for the Formation Mechanism of Molecular Filaments | Sano | EA | Total Power | 6 |
| 12:47:09 | 13:33:48 | 2019.1.00195.L | 818184_a_06_TM2 | ALMAGAL: ALMA Evolutionary study of High Mass Protocluster Formation in the Galaxy | Molinari | EA EU NA | 12-m | 6 |
| 12:16:33 | 13:34:18 | 2019.1.01326.S | Position_k_06_TP | Localized Feedback Processes in the Galactic CMZ | Candelaria | NA | Total Power | 6 |
| 11:32:47 | 12:42:12 | 2019.1.00312.S | Lupus3MM_a_06_TM1 | Hall effect enabling the formation of a large Keplerian disk around the protostar Lupus 3 MMS? | Yen | EA | 12-m | 6 |
| 10:58:00 | 12:07:46 | 2019.1.01364.S | G350_a_06_7M | How to form massive star and cluster in subsonic-to-transonic molecular clouds? | Cui | EA | 7-m | 6 |
| 10:38:37 | 12:08:32 | 2019.1.01326.S | Position_k_06_TP | Localized Feedback Processes in the Galactic CMZ | Candelaria | NA | Total Power | 6 |
| 10:14:21 | 11:24:06 | 2019.1.00312.S | Lupus3MM_a_06_TM1 | Hall effect enabling the formation of a large Keplerian disk around the protostar Lupus 3 MMS? | Yen | EA | 12-m | 6 |
| 09:47:54 | 10:57:53 | 2019.1.01364.S | G350_a_06_7M | How to form massive star and cluster in subsonic-to-transonic molecular clouds? | Cui | EA | 7-m | 6 |
| 09:22:41 | 10:38:30 | 2019.1.01556.S | SDC13_a_03_TP | On the universality of fibres in star forming filaments | Williams | EU | Total Power | 3 |
| 09:02:57 | 10:09:49 | 2019.1.01446.S | NCG6334I_a_04_TM1 | Search for interstellar precursors of adenine | Favre | EU | 12-m | 4 |
| 08:35:29 | 09:47:47 | 2019.2.00235.S | HD_15193_a_03_7M | A legacy survey of Wolf-Rayet star winds | Phillips | EU | 7-m | 3 |
| 07:57:10 | 09:02:51 | 2019.1.01461.S | Pisco_a_03_TM1 | The ALMA revolution: Physical conditions of the most distant quasar host galaxy | Banados | EU | 12-m | 3 |
| 07:27:41 | 08:35:22 | 2019.2.00155.S | HerBS-13_b_04_7M | The home stretch: Completing the redshift catalogue of a large flux-limited high-redshift Herschel sample | Bakx | EA | 7-m | 4 |
| 06:43:55 | 07:49:32 | 2019.1.01461.S | Pisco_a_03_TM1 | The ALMA revolution: Physical conditions of the most distant quasar host galaxy | Banados | EU | 12-m | 3 |
| 06:17:52 | 07:50:00 | 2019.2.00093.S | G328.25-_e_03_TP | Newly discovered hot core precursors: early warm-up phase and diversity | Csengeri | EU | Total Power | 3 |
| 06:02:00 | 07:27:34 | 2019.1.01251.S | Q1227+28_a_04_7M | SUPERCOLD-CGM: a high-z survey of molecular gas across the circum-galactic medium of Enormous Lya Nebulae | Emonts | NA | 7-m | 4 |
| 05:35:12 | 06:41:10 | 2019.1.01461.S | Pisco_a_03_TM1 | The ALMA revolution: Physical conditions of the most distant quasar host galaxy | Banados | EU | 12-m | 3 |
| 05:02:10 | 05:59:15 | 2019.2.00166.S | Musca_b_03_7M | Velocity and density power spectra along the Musca filament:  Hints to the origin of the star formation properties | Arzoumanian | EU | 7-m | 3 |
| 05:00:32 | 06:15:39 | 2019.2.00134.S | NGC_5248_a_03_TP | An ACA Survey of Dense Gas in Nearby Galaxies | Usero | EU | Total Power | 3 |
| 04:39:20 | 05:35:06 | 2019.1.00151.S | CL_J1001_a_04_TM1 | Molecular and atomic gas in a z=2.5 X-ray cluster: examining star formation and environment in the early universe | Brisbin | CL | 12-m | 4 |
| 04:32:30 | 05:02:03 | 2019.2.00155.S | HerBS-16_a_04_7M | The home stretch: Completing the redshift catalogue of a large flux-limited high-redshift Herschel sample | Bakx | EA | 7-m | 4 |
| 03:43:45 | 04:39:16 | 2019.1.00151.S | CL_J1001_a_04_TM1 | Molecular and atomic gas in a z=2.5 X-ray cluster: examining star formation and environment in the early universe | Brisbin | CL | 12-m | 4 |
| 03:38:55 | 04:32:24 | 2019.2.00194.S | J1116+22_a_03_7M | Quasar Feedback Survey: The impact of jets and outflows on the molecular ISM of quasar host galaxies | Calistro Rivera | EU | 7-m | 3 |
| 02:48:07 | 03:43:39 | 2019.1.00151.S | CL_J1001_a_04_TM1 | Molecular and atomic gas in a z=2.5 X-ray cluster: examining star formation and environment in the early universe | Brisbin | CL | 12-m | 4 |

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| 02:14:17 | 03:38:48 | 2019.2.00134.S | NGC_3621_a_03_7M | An ACA Survey of Dense Gas in Nearby Galaxies | Usero | EU | 7-m | 3 |
| 01:46:33 | 02:47:06 | 2019.1.00652.S | O-406444_a_03_TM1 | Dust and CO components within star-forming galaxies with different gas metallicities at z~3.3 | Suzuki | EA | 12-m | 3 |
| 00:25:51 | 02:00:14 | 2019.2.00081.S | bullet_c_a_03_7M | Extended Measurements of the Most Energetic Event in the Universe | Di Mascolo | EU | 7-m | 3 |

**2020-03-04**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 23:01:40 | 00:25:17 | 2019.2.00081.S | bullet_c_a_03_7M | Extended Measurements of the Most Energetic Event in the Universe | Di Mascolo | EU | 7-m | 3 |
| 14:55:28 | 15:36:43 | 2018.A.00056.S | R_CrA_l_06_TP | Core mass function and formation mechanism of very low-mass stars | Tachihara | EA | Total Power | 6 |
| 14:37:01 | 15:34:04 | 2019.2.00235.S | HD_19091_a_03_7M | A legacy survey of Wolf-Rayet star winds | Phillips | EU | 7-m | 3 |
| 13:40:28 | 14:47:51 | 2018.A.00056.S | R_CrA_k_06_TP | Core mass function and formation mechanism of very low-mass stars | Tachihara | EA | Total Power | 6 |
| 13:24:03 | 14:30:25 | 2019.1.01446.S | NCG6334I_a_04_TM1 | Search for interstellar precursors of adenine | Favre | EU | 12-m | 4 |
| 13:11:21 | 14:05:29 | 2019.1.01400.S | W28_e_06_7M | A Quest for the Formation Mechanism of Molecular Filaments | Sano | EA | 7-m | 6 |
| 12:17:02 | 12:57:30 | 2019.1.01326.S | Position_i_03_7M | Localized Feedback Processes in the Galactic CMZ | Candelaria | NA | 7-m | 3 |
| 12:08:01 | 13:17:08 | 2018.1.00181.S | HD_16329_a_04_TM1 | Searching for Nitrogen bearing organic Formamide: Bridging the Disk composition with Comet 67P/Churyumov-Gerasimenko | Majumdar | NA | 12-m | 4 |
| 12:01:33 | 13:10:42 | 2018.A.00056.S | R_CrA_d_06_TP | Core mass function and formation mechanism of very low-mass stars | Tachihara | EA | Total Power | 6 |
| 10:59:32 | 12:09:29 | 2019.1.01364.S | G350_a_06_7M | How to form massive star and cluster in subsonic-to-transonic molecular clouds? | Cui | EA | 7-m | 6 |
| 10:47:39 | 12:00:00 | 2019.1.01556.S | SDC13_a_03_TM1 | On the universality of fibres in star forming filaments | Williams | EU | 12-m | 3 |
| 10:36:45 | 11:54:13 | 2019.1.01556.S | SDC13_a_03_TP | On the universality of fibres in star forming filaments | Williams | EU | Total Power | 3 |
| 09:45:42 | 10:59:26 | 2019.2.00054.S | Lupus_II_a_04_7M | Understanding the Full Disk Life Cycle and the Beginnings of Planet Formation | Ansdell | NA | 7-m | 4 |
| 09:43:37 | 10:47:33 | 2019.1.00092.S | BrickMas_c_03_TM1 | What lines trace which processes in the CMZ? | Ginsburg | NA | 12-m | 3 |
| 09:20:50 | 10:36:37 | 2019.1.01556.S | SDC13_a_03_TP | On the universality of fibres in star forming filaments | Williams | EU | Total Power | 3 |
| 08:48:27 | 09:43:31 | 2019.1.00092.S | BrickMas_d_03_TM1 | What lines trace which processes in the CMZ? | Ginsburg | NA | 12-m | 3 |
| 08:29:19 | 08:48:20 | 2019.1.01247.T | SN2018bs_a_03_TM1 | A direct test of the magnetar model in the closest Superluminous Supernova | Coppejans | NA | 12-m | 3 |
| 08:20:24 | 09:07:43 | 2019.2.00155.S | HerBS-13_c_04_7M | The home stretch: Completing the redshift catalogue of a large flux-limited high-redshift Herschel sample | Bakx | EA | 7-m | 4 |
| 07:38:49 | 08:25:08 | 2019.1.01514.S | SMG_a_1_04_TM1 | Confirming large-scale structures of dusty galaxies around enormous Lyman-alpha nebulae and high-z quasars | Arrigoni Battaia | EU | 12-m | 4 |
| 07:12:39 | 08:20:17 | 2019.2.00155.S | HerBS-13_d_04_7M | The home stretch: Completing the redshift catalogue of a large flux-limited high-redshift Herschel sample | Bakx | EA | 7-m | 4 |
| 06:32:54 | 07:38:42 | 2019.1.01461.S | Pisco_a_03_TM1 | The ALMA revolution: Physical conditions of the most distant quasar host galaxy | Banados | EU | 12-m | 3 |
| 06:12:04 | 07:44:15 | 2019.2.00093.S | G328.25-_e_03_TP | Newly discovered hot core precursors: early warm-up phase and diversity | Csengeri | EU | Total Power | 3 |
| 05:37:56 | 07:07:59 | 2019.1.01251.S | Q1227+28_a_04_7M | SUPERCOLD-CGM: a high-z survey of molecular gas across | Emonts | NA | 7-m | 4 |

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| | | | | the circum-galactic medium of Enormous Lya Nebulae | | | | |
| 05:26:49 | 06:32:47 | 2019.1.00562.S | ngc_4302_a_03_TM1 | Resolving the Disk Thickness of the perfect edge-on galaxy NGC 4302 | Yim | EA | 12-m | 3 |
| 04:59:11 | 06:11:57 | 2019.2.00134.S | NGC_4826_a_03_TP | An ACA Survey of Dense Gas in Nearby Galaxies | Usero | EU | Total Power | 3 |
| 04:20:35 | 05:26:43 | 2019.1.00562.S | ngc_4302_a_03_TM1 | Resolving the Disk Thickness of the perfect edge-on galaxy NGC 4302 | Yim | EA | 12-m | 3 |
| 04:01:43 | 04:55:01 | 2019.2.00194.S | J1116+22_a_03_7M | Quasar Feedback Survey: The impact of jets and outflows on the molecular ISM of quasar host galaxies | Calistro Rivera | EU | 7-m | 3 |
| 03:20:22 | 04:20:29 | 2019.1.00652.S | O-406444_a_03_TM1 | Dust and CO components within star-forming galaxies with different gas metallicities at z~3.3 | Suzuki | EA | 12-m | 3 |
| 02:32:58 | 04:01:36 | 2019.2.00081.S | bullet_c_a_03_7M | Extended Measurements of the Most Energetic Event in the Universe | Di Mascolo | EU | 7-m | 3 |
| 02:23:21 | 03:20:16 | 2019.1.00652.S | O-208681_a_03_TM1 | Dust and CO components within star-forming galaxies with different gas metallicities at z~3.3 | Suzuki | EA | 12-m | 3 |
| 01:22:46 | 02:23:15 | 2019.1.00652.S | O-406444_a_03_TM1 | Dust and CO components within star-forming galaxies with different gas metallicities at z~3.3 | Suzuki | EA | 12-m | 3 |
| 00:45:44 | 02:20:03 | 2019.2.00081.S | bullet_c_a_03_7M | Extended Measurements of the Most Energetic Event in the Universe | Di Mascolo | EU | 7-m | 3 |
| 00:37:26 | 01:09:21 | 2019.1.01457.S | SDSS_J_0_a_04_TM1 | CO excitation and star-formation in gas-selected galaxies from z=0.5 to z=2.6 | Christensen | EU | 12-m | 4 |

**2020-03-03**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 23:26:34 | 00:09:24 | 2019.1.01132.S | NGC1482_a_03_TM1 | Molecular gas in the starburst-driven superwind of NGC 1482 | Salak | EA | 12-m | 3 |
| 23:21:42 | 00:45:37 | 2019.2.00081.S | bullet_c_a_03_7M | Extended Measurements of the Most Energetic Event in the Universe | Di Mascolo | EU | 7-m | 3 |
| 21:52:50 | 23:21:35 | 2019.2.00139.S | NGC1300_a_03_7M | Investigating Diffuse Molecular Gases in the Strongly Barred Galaxy NGC 1300 | Maeda | EA | 7-m | 3 |
| 15:05:00 | 16:14:22 | 2019.2.00146.S | I19220_a_03_TP | Tracing the Flow into Dense Cores in High-Mass Star Forming Filaments | Lu | EA | Total Power | 3 |
| 13:42:10 | 14:57:38 | 2019.1.01556.S | SDC13_a_03_TP | On the universality of fibres in star forming filaments | Williams | EU | Total Power | 3 |
| 13:30:37 | 14:39:30 | 2018.1.00181.S | HD_16329_a_04_TM1 | Searching for Nitrogen bearing organic Formamide: Bridging the Disk composition with Comet 67P/Churyumov-Gerasimenko | Majumdar | NA | 12-m | 4 |
| 12:53:45 | 13:25:44 | 2018.1.00250.S | IRAS_172_a_03_TM1 | What type of stars are the progenitors of water fountain nebulae? | Tafoya | EA | 12-m | 3 |
| 12:35:09 | 13:58:57 | 2019.2.00097.S | 2MASS_J1_a_04_7M | Probing the physical and chemical structure of dense cores: toward understanding methanol formation | Harsono | EA | 7-m | 4 |
| 12:23:58 | 13:42:03 | 2019.1.01556.S | SDC13_a_03_TP | On the universality of fibres in star forming filaments | Williams | EU | Total Power | 3 |
| 11:58:31 | 12:53:38 | 2018.1.00250.S | IRAS_184_a_03_TM1 | What type of stars are the progenitors of water fountain nebulae? | Tafoya | EA | 12-m | 3 |
| 10:57:00 | 11:59:04 | 2019.2.00235.S | CD-38_11_a_03_7M | A legacy survey of Wolf-Rayet star winds | Phillips | EU | 7-m | 3 |
| 10:55:54 | 12:16:34 | 2019.1.01556.S | SDC13_a_03_TP | On the universality of fibres in star forming filaments | Williams | EU | Total Power | 3 |
| 10:36:03 | 11:45:54 | 2019.1.01556.S | SDC13_a_03_TM1 | On the universality of fibres in star forming filaments | Williams | EU | 12-m | 3 |
| 09:59:04 | 10:55:46 | 2019.1.01326.S | Position_a_03_TP | Localized Feedback Processes in the Galactic CMZ | Candelaria | NA | Total Power | 3 |
| 09:26:54 | 10:56:51 | 2019.1.01556.S | SDC13_a_03_7M | On the universality of fibres in | Williams | EU | 7-m | 3 |

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| | | | | star forming filaments | | | | |
| 09:26:32 | 10:35:55 | 2019.1.01556.S | SDC13_a_03_TM1 | On the universality of fibres in star forming filaments | Williams | EU | 12-m | 3 |
| 08:35:13 | 09:26:25 | 2019.1.00092.S | BrickMas_e_03_TM1 | What lines trace which processes in the CMZ? | Ginsburg | NA | 12-m | 3 |
| 08:32:17 | 09:26:46 | 2019.2.00155.S | HerBS-13_a_03_7M | The home stretch: Completing the redshift catalogue of a large flux-limited high-redshift Herschel sample | Bakx | EA | 7-m | 3 |
| 08:03:22 | 08:35:07 | 2019.1.00454.S | Arp220_b_03_TM1 | Arp 220 Nuclear Disks at 25 - 50 mas Resolution | Scoville | NA | 12-m | 3 |
| 07:20:56 | 08:27:30 | 2019.2.00052.S | NGC5850_a_03_TP | Systematically Measuring CO emission of Double-Barred Galaxies | Wu | EA | Total Power | 3 |
| 07:02:28 | 08:32:10 | 2019.1.01251.S | Q1416+26_a_04_7M | SUPERCOLD-CGM: a high-z survey of molecular gas across the circum-galactic medium of Enormous Lya Nebulae | Emonts | NA | 7-m | 4 |
| 07:00:36 | 08:03:16 | 2019.1.00411.S | SDSSJ125_a_03_TM1 | Small-Scale Clustering of CO emitters around Quasars at z~4 | Garcia Vergara | EU | 12-m | 3 |
| 06:05:42 | 07:20:49 | 2019.2.00134.S | NGC_5248_a_03_TP | An ACA Survey of Dense Gas in Nearby Galaxies | Usero | EU | Total Power | 3 |
| 05:54:26 | 07:00:30 | 2019.1.00562.S | ngc_4302_a_03_TM1 | Resolving the Disk Thickness of the perfect edge-on galaxy NGC 4302 | Yim | EA | 12-m | 3 |
| 05:38:08 | 05:54:19 | 2019.1.01709.S | 3c264_a_03_TM1 | Probing the spectral evolution of jets with ALMA | Meyer | NA | 12-m | 3 |
| 05:17:08 | 06:43:00 | 2019.1.01251.S | Q1227+28_a_04_7M | SUPERCOLD-CGM: a high-z survey of molecular gas across the circum-galactic medium of Enormous Lya Nebulae | Emonts | NA | 7-m | 4 |
| 04:50:07 | 06:05:35 | 2019.2.00134.S | NGC_5248_a_03_TP | An ACA Survey of Dense Gas in Nearby Galaxies | Usero | EU | Total Power | 3 |
| 04:34:12 | 05:38:01 | 2019.1.00411.S | SDSSJ120_a_03_TM1 | Small-Scale Clustering of CO emitters around Quasars at z~4 | Garcia Vergara | EU | 12-m | 3 |
| 04:16:58 | 04:33:11 | 2019.1.01709.S | 4C20.24_a_03_TM1 | Probing the spectral evolution of jets with ALMA | Meyer | NA | 12-m | 3 |
| 03:52:37 | 05:17:00 | 2019.2.00134.S | NGC_3621_a_03_7M | An ACA Survey of Dense Gas in Nearby Galaxies | Usero | EU | 7-m | 3 |
| 03:25:15 | 04:16:51 | 2019.1.00147.S | PJ167-13_a_03_TM1 | CO(7-6) and [CI] survey in z>6 quasars | Decarli | EU | 12-m | 3 |
| 02:54:56 | 03:12:06 | 2019.1.01709.S | 3C189_a_03_TM1 | Probing the spectral evolution of jets with ALMA | Meyer | NA | 12-m | 3 |
| 02:27:55 | 03:52:29 | 2019.2.00134.S | NGC_3621_a_03_7M | An ACA Survey of Dense Gas in Nearby Galaxies | Usero | EU | 7-m | 3 |

**2020-03-02**

| Start (UT) | End (UT) | Project Code | SchedBlock | Project Title | PI | Executive | Array | Band |
|---|---|---|---|---|---|---|---|---|
| 21:55:28 | 22:53:34 | 2019.2.00062.S | Horsekne_a_06_TP | Unlocking the Potential of the Most Definitive Molecular Tracer of UV-Enhancement: l-C3H+ | Lipnicky | NA | Total Power | 6 |
| 21:28:32 | 22:19:28 | 2019.1.00708.S | B1-a_a_04_TM1 | Resolving the emission of phosphorus carriers in a protosolar analog | Bergner | NA | 12-m | 4 |
| 20:42:07 | 21:54:48 | 2019.2.00097.S | 2MASS_J0_a_04_TP | Probing the physical and chemical structure of dense cores: toward understanding methanol formation | Harsono | EA | Total Power | 4 |
| 20:24:49 | 21:21:54 | 2019.A.00017.S | Moutai_a_06_TM1 | ALMA Observation of the New Record Breaking Quasar | Wang | NA | 12-m | 6 |
| 19:32:25 | 20:23:28 | 2019.1.00708.S | B1-a_a_04_TM1 | Resolving the emission of phosphorus carriers in a protosolar analog | Bergner | NA | 12-m | 4 |
| 19:22:28 | 20:24:13 | 2019.1.01039.S | M33_sarm_a_03_7M | Tracing accretion onto a YMC progenitor candidate in M33 | Koch | NA | 7-m | 3 |
| 19:21:51 | 20:33:29 | 2019.2.00097.S | 2MASS_J0_a_04_TP | Probing the physical and chemical structure of dense cores: toward understanding methanol formation | Harsono | EA | Total Power | 4 |
| 18:17:20 | 19:10:28 | 2019.1.00779.S | SPT0311_a_03_TM1 | SPT z=4-7 protoclusters: cluster membership and dynamics from line observations | Chapman | NA | 12-m | 3 |