

**ALMA Observing Activity from 2024-07-08T17:59:00 to 2024-07-15T18:00:00**  
**QA0 pass executions**

**2024-07-15**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
12:24:03	12:56:16	2023.1.01527.S	1-N166_b_06_TP	A comprehensive molecular gas study in the CO Arc region in the Large Magellanic Cloud	Yamada	EA	Total Power	6
11:41:53	12:54:16	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
11:40:08	12:39:17	2023.1.01524.S	ARP118_a_06_7M	The Star Formation Quenching Survey of the Local Universe	Colombo	EU	7-m	6
10:06:44	11:19:01	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
04:47:07	06:39:16	2023.1.00360.L	G08.710._a_07_TP	UNveiling the Initial Conditions of high-mass star-formation (UNIC)	Redaelli	CL EA EU NA	Total Power	7
03:30:21	04:46:44	2023.1.00905.S	G334.341_a_03_TP	HII Regions and Galactic Chemical Evolution	Balser	NA	Total Power	3
01:37:28	03:29:56	2023.1.00360.L	G338.78+_a_07_TP	UNveiling the Initial Conditions of high-mass star-formation (UNIC)	Redaelli	CL EA EU NA	Total Power	7
01:20:35	02:40:04	2023.1.00227.S	NGC5408_a_06_7M	Physics of low-metallicity molecular clouds with ALMA	Hunt	EU	7-m	6
00:21:40	01:24:37	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

**2024-07-14**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:06:45	00:13:26	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
22:30:57	00:03:05	2023.1.00884.S	ngc4321_a_07_7M	Cloud-Scale CO excitation drivers in nearby galaxies targeted with JWST	den Brok	NA	7-m	7
22:16:34	22:50:13	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
22:03:02	23:24:17	2023.1.01612.S	PSR_J131_a_07_TM1	Searching for circumbinary discs around black-widow binaries with orbiting planets	Clark	EU	12-m	7
21:13:42	22:15:48	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
20:58:20	22:29:56	2023.1.00884.S	ngc4321_a_07_7M	Cloud-Scale CO excitation drivers in nearby galaxies targeted with JWST	den Brok	NA	7-m	7
20:03:59	21:06:14	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
19:03:36	20:02:54	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
17:49:33	18:40:52	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
16:26:17	17:48:19	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
14:50:28	16:13:08	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
13:26:43	15:03:54	2023.1.00225.S	L1521F_a_07_TP	Tracing evolution of dense core nucleus in ortho-H2D+	Tokuda	EA	Total Power	7
13:11:02	14:35:28	2022.1.00316.L	L1551_IR_h_07_TM1	COMPASS: Complex Organic Molecules in Protostars with ALMA Spectral Surveys	Jorgensen	EA EU NA	12-m	7
13:07:49	15:12:30	2023.1.00225.S	L1521F_a_07_7M	Tracing evolution of dense core nucleus in ortho-H2D+	Tokuda	EA	7-m	7
11:41:40	13:19:37	2023.1.00225.S	L1521F_a_07_TP	Tracing evolution of dense core nucleus in ortho-H2D+	Tokuda	EA	Total Power	7

10:10:51	11:23:07	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
03:19:16	05:09:38	2023.1.00360.L	G338.78+_a_07_TP	UNveiling the Initial Conditions of high-mass star-formation (UNIC)	Redaelli	CL EA EU NA	Total Power	7
01:25:42	03:18:53	2023.1.00360.L	G338.78+_a_07_TP	UNveiling the Initial Conditions of high-mass star-formation (UNIC)	Redaelli	CL EA EU NA	Total Power	7

### 2024-07-13

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:19:26	01:09:52	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
21:55:40	23:40:08	2023.1.01488.S	1swasp_j_a_07_TM1	Confirming a circumplanetary disk around J1407b	Kenworthy	EU	12-m	7
19:48:13	21:19:53	2023.1.00884.S	ngc4321_a_07_7M	Cloud-Scale CO excitation drivers in nearby galaxies targeted with JWST	den Brok	NA	7-m	7
15:03:04	16:37:11	2023.1.00494.S	HOPS-87_a_05_TM1	Characterizing the Water D/H Ratio in Tobin Orion Protostars: Clustered vs. Isolated Protostars		NA	12-m	5
05:59:37	08:04:13	2023.1.00360.L	G18.89-0_a_07_7M	UNveiling the Initial Conditions of high-mass star-formation (UNIC)	Redaelli	CL EA EU NA	7-m	7
05:43:21	07:16:21	2023.1.00098.S	OH359.46_a_07_TM1	Constraining the stellar mass-loss-rate evolution on the AGB (and slightly beyond)	Olofsson	EU	12-m	7
05:17:59	07:14:00	2023.1.00360.L	G08.710._a_07_TP	UNveiling the Initial Conditions of high-mass star-formation (UNIC)	Redaelli	CL EA EU NA	Total Power	7
04:22:03	05:43:03	2021.1.00581.S	IRAS_162_a_05_TM1	Radial Distributions of Sufur-Bearing Species in Disk Forming Regions	Oya	EA	12-m	5
03:24:02	05:17:44	2023.1.00360.L	G338.78+_a_07_TP	UNveiling the Initial Conditions of high-mass star-formation (UNIC)	Redaelli	CL EA EU NA	Total Power	7
02:57:21	05:01:45	2023.1.00360.L	G18.89-0_a_07_7M	UNveiling the Initial Conditions of high-mass star-formation (UNIC)	Redaelli	CL EA EU NA	7-m	7
01:30:39	03:23:47	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
00:19:57	02:23:18	2023.1.00360.L	G08.710._a_07_7M	UNveiling the Initial Conditions of high-mass star-formation (UNIC)	Redaelli	CL EA EU NA	7-m	7

### 2024-07-12

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
14:02:14	15:33:59	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
11:54:00	13:17:53	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
11:47:05	13:41:38	2022.1.00804.S	GW_Ori_a_07_TM1	Gas kinematics and dust trapping in the only known circumtriple disk	Liu	EA	12-m	7
10:39:42	11:50:52	2023.1.00322.S	HERBS60_a_05_7M	Water BEARS	Urquhart	EU	7-m	5
10:18:19	11:37:08	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
09:20:30	10:22:07	2023.1.00804.S	J0147_c_05_7M	Feedback Chemistry in Gas Infall and Outflows of the Most Active Massive Starburst Galaxies at Redshifts 2-5	Riechers	EU	7-m	5
06:56:00	08:20:20	2021.1.00581.S	B335_b_05_TM1	Radial Distributions of Sufur-Bearing Species in Disk Forming Regions	Oya	EA	12-m	5
06:30:34	08:08:32	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
05:07:18	06:39:16	2023.1.00098.S	OH359.46_a_07_TM1	Constraining the stellar mass-loss-rate evolution on the AGB (and slightly beyond)	Olofsson	EU	12-m	7
04:08:20	06:12:32	2023.1.00360.L	G18.89-0_a_07_7M	UNveiling the Initial Conditions of high-mass star-formation (UNIC)	Redaelli	CL EA EU NA	7-m	7
03:55:09	04:59:53	2023.1.00196.S	XSgr_b_06_TM1	The circumstellar envelopes of Cepheids and their impact on the PL relation at the JWST and ELT era	Kaminski	EU	12-m	6
01:35:36	03:10:48	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

**2024-07-11**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:13:26	00:58:19	2023.1.01488.S	1swasp_j_a_07_TM1	Confirming a circumplanetary disk around J1407b	Kenworthy	EU	12-m	7

**2024-07-10**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
10:32:45	11:18:33	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
09:43:14	11:02:33	2023.1.00322.S	HERBS60_a_05_7M	Water BEARS	Urquhart	EU	7-m	5
08:26:08	09:37:39	2023.1.00322.S	HERBS60_a_05_7M	Water BEARS	Urquhart	EU	7-m	5
06:31:17	07:57:40	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
04:58:15	06:28:13	2023.1.00877.S	HD169142_b_07_TM1	Chemical Signatures of a Recently-Confirmed Giant Protoplanet in the HD 169142 Disk	Law	NA	12-m	7
04:27:56	06:32:09	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
04:09:18	06:05:11	2023.1.00360.L	G08.710_a_07_TP	UNveiling the Initial Conditions of high-mass star-formation (UNIC)	Redaelli	CL EA EU NA	Total Power	7
03:38:21	04:54:59	2023.1.01468.S	Arches_C_a_06_TM1	Mass-loss and the evolution of the most massive stars in the Galaxy	Fenech	EU	12-m	6
02:23:26	04:27:41	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
02:15:46	04:04:30	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
00:13:12	02:03:24	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
00:11:11	01:32:06	2023.1.00227.S	NGC5408_a_06_7M	Physics of low-metallicity molecular clouds with ALMA	Hunt	EU	7-m	6
00:09:43	01:43:44	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

**2024-07-09**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
12:38:03	13:04:05	2023.1.00561.S	HD_28867_a_06_TM1	Characterizing the protoplanetary disks around young massive stars	Vioque	NA	12-m	6
12:13:55	12:51:13	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
11:50:48	12:30:09	2023.1.00561.S	V_star_V_a_06_TM1	Characterizing the protoplanetary disks around young massive stars	Vioque	NA	12-m	6
11:16:16	12:10:19	2023.1.01524.S	NGC1094_a_06_7M	The Star Formation Quenching Survey of the Local Universe	Colombo	EU	7-m	6
10:22:32	11:41:45	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
09:39:41	10:41:11	2023.1.00804.S	J0147_c_05_7M	Feedback Chemistry in Gas Infall and Outflows of the Most Active Massive Starburst Galaxies at Redshifts 2-5	Riechers	EU	7-m	5
08:53:10	10:18:49	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
08:14:50	09:25:33	2023.1.00322.S	HERBS57_a_05_7M	Water BEARS	Urquhart	EU	7-m	5
06:56:24	08:14:45	2023.1.01101.S	NGC7319_a_03_7M	ACA CO(1-0) mapping of Stephan's Quintet	Maeda	EA	7-m	3
05:59:46	07:26:14	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
05:18:36	06:55:56	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
04:44:19	06:02:02	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

03:30:00	04:37:18	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
03:25:32	04:44:14	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
03:23:05	04:49:10	2023.1.00905.S	G342.360_a_03_7M	HII Regions and Galactic Chemical Evolution	Balser	NA	7-m	3