

**ALMA Observing Activity from 2019-12-09T17:59:00 to 2019-12-16T18:00:00**  
**QA0 pass executions**

**2019-12-09**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
19:52:42	21:21:57	2019.1.01781.S	CO-0.40-_a_06_7M	Search for Self-Gravitating Cores in the Cloud-Cloud Collision Region CO-0.4	Tanaka	EA	7-m	6
20:12:06	20:30:18	2019.1.00486.S	SPT2316-_b_04_TM1	Completing the SPT+ALMA Redshift Survey	Reuter	NA	12-m	4
20:30:24	20:46:30	2019.1.00486.S	SPT2349-_b_04_TM1	Completing the SPT+ALMA Redshift Survey	Reuter	NA	12-m	4
20:46:36	21:29:17	2019.1.00783.S	Titan_c_06_TM1	Elucidating Titan's High-Altitude Nitrogen Chemistry	Cordiner	NA	12-m	6
21:29:39	22:49:35	2019.1.00673.S	RCS_J231_a_03_7M	The highest resolution imaging of the Sunyaev-Zel'dovich effect at z~1	Kitayama	EA	7-m	3
21:42:07	22:07:38	2019.1.01677.S	SPT-S_J2_a_06_TM2	Probing spatially resolved winds in powerful starbursts at high redshift with Hydrogen Fluoride	Lehnert	EU	12-m	6
22:07:45	22:29:04	2019.1.01681.S	WD0050-3_a_06_TM1	An Efficient Test of Evolved Planetary System Modeling	Farihi	EU	12-m	6
22:29:10	22:51:24	2019.1.01677.S	SPT-S_J0_a_06_TM2	Probing spatially resolved winds in powerful starbursts at high redshift with Hydrogen Fluoride	Lehnert	EU	12-m	6
22:51:39	00:11:16	2019.1.00673.S	RCS_J231_a_03_7M	The highest resolution imaging of the Sunyaev-Zel'dovich effect at z~1	Kitayama	EA	7-m	3
22:59:45	00:07:25	2019.1.00466.S	QSO_J010_a_06_TM1	Probing [CII] Emission Associated with the First Sample of Strongest OI Absorption Systems in the Reionization Epoch	Cai	NA	12-m	6

**2019-12-10**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:07:31	00:58:23	2019.1.01305.S	ngc1187_a_06_TM1	The direct measurement of the bar pattern speed of galaxies	Tanaka	EA	12-m	6
00:11:21	01:10:40	2018.A.00058.S	M_33_k_06_7M	ACA CO(2-1) mapping toward the nearest spiral galaxy M 33	Muraoka	EA	7-m	6
00:16:12	01:18:05	2019.1.00722.S	NGC1232_a_03_TP	Deep CO(J=1-0) mapping survey of 103 Eridanus supergroup galaxies with Morita array	Morokuma	EA	Total Power	3
00:58:30	01:14:47	2019.1.01529.S	CDFS-5_a_04_TM1	The Third Leg of Galaxy Stellar Mass Assembly: A Census of CO in high-redshift cluster centrals	Webb	NA	12-m	4
01:10:47	02:12:09	2018.A.00058.S	M_33_i_06_7M	ACA CO(2-1) mapping toward the nearest spiral galaxy M 33	Muraoka	EA	7-m	6
01:27:47	02:18:31	2019.1.01305.S	ngc1187_a_06_TM1	The direct measurement of the bar pattern speed of galaxies	Tanaka	EA	12-m	6
01:30:47	02:34:11	2019.1.00722.S	NGC1232_a_03_TP	Deep CO(J=1-0) mapping survey of 103 Eridanus supergroup galaxies with Morita array	Morokuma	EA	Total Power	3
02:24:50	03:37:24	2019.1.01063.S	L1489_IR_a_06_7M	The Kinematical Transition between the Envelope and Core around Young Embedded Protostars	Sai	EA	7-m	6
02:36:57	03:45:53	2019.1.00843.S	30_Dorad_b_06_TP	The effects of feedback on molecular gas: Survey of CO in 30 Doradus	Wong	NA	Total Power	6
03:42:11	04:04:30	2019.1.01437.S	GM_Aur_j_06_TM1	An ALMA-TESS study of UV heating in protoplanetary disks	Espaillet	NA	12-m	6
03:43:45	05:43:52	2019.1.00847.S	04016+26_a_07_7M	A Complete Survey of Protostellar Disk Gas and Dust Structure in Taurus	Sheehan	NA	7-m	7
03:45:57	04:56:01	2019.1.00843.S	30_Dorad_b_06_TP	The effects of feedback on molecular gas: Survey of CO in 30 Doradus	Wong	NA	Total Power	6
05:18:02	06:03:50	2019.1.01175.S	hd_21997_a_08_TM1	CI survey	Cataldi	NA	12-m	8
05:44:43	07:02:23	2019.1.00063.S	AB_Aur_a_07_7M	The kilo-au environments of T Tauri stars	Williams	NA	7-m	7
06:03:56	07:20:44	2019.1.01603.S	HD_61005_a_08_TM1	The first minisurvey for neutral carbon gas in debris disks around G-type stars to test secondary gas disk models	Moor	OTHER	12-m	8
08:07:14	08:45:45	2019.1.00843.S	30_Dorad_b_06_TP	The effects of feedback on molecular gas: Survey of CO in 30 Doradus	Wong	NA	Total Power	6

08:08:10	09:16:45	2019.1.01702.S	21074_a_07_TM1	The physics of the ISM with CO and neutral CI: the final piece	Valentino	EU	12-m	7
09:10:35	10:33:31	2019.1.00763.L	NGC_4302_a_06_7M	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	7-m	6
09:12:05	10:24:00	2019.1.00763.L	NGC_4450_a_06_TP	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	Total Power	6
09:17:53	10:26:45	2019.1.01702.S	21074_a_07_TM1	The physics of the ISM with CO and neutral CI: the final piece	Valentino	EU	12-m	7
10:24:48	11:36:48	2019.1.00763.L	NGC_4450_a_06_TP	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	Total Power	6
10:28:46	11:24:21	2019.1.01148.S	Cosmic_H_a_07_TM1	Where's the dust? 870um in Strongly Lensed z~2 Normal Galaxies	Sharon	OTHER	12-m	7
10:33:38	11:56:29	2019.1.00763.L	NGC_4302_a_06_7M	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	7-m	6
11:32:25	12:51:00	2019.1.00193.S	HD100546_a_07_TM2	Astrochemical confirmation of a circumplanetary disk	Booth	EU	12-m	7
12:31:08	12:47:29	2019.1.01245.S	Sun_10_a_07_TP	Density measurement of solar spicules by a Hydrogen recombination line	Kawate	EA	Total Power	7
12:47:35	13:03:20	2019.1.01245.S	Sun_10_a_07_TP	Density measurement of solar spicules by a Hydrogen recombination line	Kawate	EA	Total Power	7
13:03:28	13:19:07	2019.1.01245.S	Sun_10_a_07_TP	Density measurement of solar spicules by a Hydrogen recombination line	Kawate	EA	Total Power	7
13:08:58	14:47:21	2019.1.01245.S	Sun_10_a_07_INT	Density measurement of solar spicules by a Hydrogen recombination line	Kawate	EA	12-m	7
13:19:13	13:34:59	2019.1.01245.S	Sun_10_b_07_TP	Density measurement of solar spicules by a Hydrogen recombination line	Kawate	EA	Total Power	7
13:35:05	13:50:51	2019.1.01245.S	Sun_10_a_07_TP	Density measurement of solar spicules by a Hydrogen recombination line	Kawate	EA	Total Power	7
13:50:57	14:06:43	2019.1.01245.S	Sun_10_b_07_TP	Density measurement of solar spicules by a Hydrogen recombination line	Kawate	EA	Total Power	7
14:06:48	14:22:35	2019.1.01245.S	Sun_10_a_07_TP	Density measurement of solar spicules by a Hydrogen recombination line	Kawate	EA	Total Power	7
14:22:41	14:38:28	2019.1.01245.S	Sun_10_a_07_TP	Density measurement of solar spicules by a Hydrogen recombination line	Kawate	EA	Total Power	7
15:01:41	15:42:28	2019.1.01245.S	Sun_10_b_07_INT	Density measurement of solar spicules by a Hydrogen recombination line	Kawate	EA	12-m	7
15:10:46	16:04:50	2019.1.01326.S	Position_h_03_TP	Localized Feedback Processes in the Candelaria Galactic CMZ	Candelaria	NA	Total Power	3
15:57:40	17:03:09	2019.1.00403.S	HS1549-5_a_06_TM1	Unveiling obscured activities within a z=2.84 protocluster core	Kikuta	EA	12-m	6
16:26:25	18:26:57	2019.1.01763.S	CO_000.0_a_07_TP	Resolving the Kinematics of the High-velocity Gas in CO 0.02-0.02	Iwata	EA	Total Power	7
17:03:15	18:08:01	2019.1.00403.S	HS1549-3_a_06_TM1	Unveiling obscured activities within a z=2.84 protocluster core	Kikuta	EA	12-m	6
17:20:41	18:55:03	2019.1.01763.S	CO_000.0_a_07_7M	Resolving the Kinematics of the High-velocity Gas in CO 0.02-0.02	Iwata	EA	7-m	7
18:27:04	20:02:14	2019.1.01728.S	Gaia_17b_b_06_TP	Gaia 17bpi: the circumstellar environment of a new FU Ori-type object	Cruz-Saenz de Miera	OTHER	Total Power	6
18:34:55	19:34:32	2019.1.01266.S	1E1740.7_a_03_TM1	Mapping Jet-ISM Interactions in X-ray Binaries	Tetarenko	NA	12-m	3
19:34:38	20:35:29	2019.1.00783.S	Titan_b_06_TM1	Elucidating Titan's High-Altitude Nitrogen Chemistry	Cordiner	NA	12-m	6
19:57:48	20:54:58	2019.2.00028.S	UGC11680_a_06_7M	A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE	Bolatto	NA	7-m	6
20:02:21	21:40:27	2019.1.01728.S	Gaia_17b_a_06_TP	Gaia 17bpi: the circumstellar environment of a new FU Ori-type object	Cruz-Saenz de Miera	OTHER	Total Power	6
20:35:57	21:39:06	2019.1.00783.S	Titan_b_06_TM1	Elucidating Titan's High-Altitude Nitrogen Chemistry	Cordiner	NA	12-m	6
21:02:15	22:21:52	2019.1.00673.S	RCS_J231_a_03_7M	The highest resolution imaging of the Sunyaev-Zel'dovich effect at z~1	Kitayama	EA	7-m	3
21:57:45	22:44:47	2019.1.01012.S	HRQC_J22_b_07_TM1	Searching for Overdensities around z~5 Quasars in [CII] and	Champagne	NA	12-m	7

22:06:27	22:55:00	2018.A.00056.S	R_CrA_j_06_TP	Dust Continuum Core mass function and formation mechanism of very low-mass stars	Tachihara	EA	Total Power	6
22:22:43	23:42:12	2019.1.00673.S	RCS_J231_a_03_7M	The highest resolution imaging of the Sunyaev-Zel'dovich effect at z~1	Kitayama	EA	7-m	3
23:01:28	23:20:51	2019.1.00227.S	MRG-0138_a_06_TM1	Running on Empty: Probing the Gas Reservoirs of the REQUIEM Lensed Quiescent Galaxies at z=1.6-3.2	Whitaker	NA	12-m	6
23:20:57	00:30:58	2019.1.00466.S	QSO_J010_a_06_TM1	Probing [CII] Emission Associated with the First Sample of Strongest OI Absorption Systems in the Reionization Epoch	Cai	NA	12-m	6
23:56:26	00:55:44	2018.A.00058.S	M_33_k_06_7M	ACA CO(2-1) mapping toward the nearest spiral galaxy M 33	Muraoka	EA	7-m	6
<b>2019-12-11</b>								
Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:04:41	01:21:36	2019.2.00037.S	ngc_7591_a_06_TP	An ALMA CO(2-1) ACA Survey of Luminous Infrared Galaxies in GOALS	Evans	NA	Total Power	6
00:39:06	01:51:07	2019.1.01634.L	XMM-J-35_e_07_TM1	REBELS: An ALMA Large Program to Discover the Most Luminous [CII]+[OIII] Galaxies in the Reionization Epoch	Bouwens	CL EA EU NA	12-m	7
00:55:51	01:57:16	2018.A.00058.S	M_33_i_06_7M	ACA CO(2-1) mapping toward the nearest spiral galaxy M 33	Muraoka	EA	7-m	6
01:34:19	02:42:15	2019.1.00843.S	30_Dorad_b_06_TP	The effects of feedback on molecular gas: Survey of CO in 30 Doradus	Wong	NA	Total Power	6
02:05:26	02:33:04	2019.1.01634.L	XMM-J-67_d_07_TM1	REBELS: An ALMA Large Program to Discover the Most Luminous [CII]+[OIII] Galaxies in the Reionization Epoch	Bouwens	CL EA EU NA	12-m	7
02:23:59	04:24:17	2019.1.00847.S	04016+26_a_07_7M	A Complete Survey of Protostellar Disk Gas and Dust Structure in Taurus	Sheehan	NA	7-m	7
02:38:42	03:01:09	2019.1.01437.S	GM_Aur_k_06_TM1	An ALMA-TESS study of UV heating in protoplanetary disks	Espaillet	NA	12-m	6
02:42:22	03:51:19	2019.1.00843.S	30_Dorad_b_06_TP	The effects of feedback on molecular gas: Survey of CO in 30 Doradus	Wong	NA	Total Power	6
03:18:08	05:15:45	2019.1.00086.S	HH270IRS_a_07_TM1	BOPS: B-field Orion Protostellar Survey	Stephens	NA	12-m	7
03:51:25	05:17:32	2018.A.00061.S	North_Mo_b_06_TP	ACA Mapping of the Star-Forming Northern Tip of the Large Magellanic Cloud Molecular Ridge	Bolatto	NA	Total Power	6
04:24:24	06:16:05	2019.1.00063.S	GM_Aur_t_a_07_7M	The kilo-au environments of T Tauri stars	Williams	NA	7-m	7
05:15:52	06:52:33	2019.1.00086.S	HH270IRS_a_07_TM1	BOPS: B-field Orion Protostellar Survey	Stephens	NA	12-m	7
05:18:01	06:44:42	2018.A.00061.S	North_Mo_b_06_TP	ACA Mapping of the Star-Forming Northern Tip of the Large Magellanic Cloud Molecular Ridge	Bolatto	NA	Total Power	6
06:16:13	07:46:11	2019.2.00040.S	47981_a_07_7M	Extended Dust Profile of z~2 Cluster-Lensed Submillimeter Galaxies	Sun	NA	7-m	7
06:45:17	07:30:00	2018.A.00061.S	North_Mo_b_06_TP	ACA Mapping of the Star-Forming Northern Tip of the Large Magellanic Cloud Molecular Ridge	Bolatto	NA	Total Power	6
07:58:45	09:25:19	2018.A.00061.S	North_Mo_b_06_TP	ACA Mapping of the Star-Forming Northern Tip of the Large Magellanic Cloud Molecular Ridge	Bolatto	NA	Total Power	6
07:59:13	08:48:58	2019.2.00128.S	G09-8110_a_07_7M	A Comprehensive [CII] Survey of Herschel-Selected Starbursts at z=3-6	Riechers	NA	7-m	7
08:49:04	09:59:06	2019.1.00763.L	NGC_4064_a_06_7M	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	7-m	6
08:57:15	10:03:32	2019.1.00477.S	D3a-1550_a_07_TM1	ColdSINS: an ALMA cold gas census of the deepest near-IR IFU+AO sample of z~2 star-forming galaxies	Forster Schreiber	EU	12-m	7
09:25:34	10:37:58	2019.1.00763.L	NGC_4450_a_06_TP	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	Total Power	6
09:59:50	11:23:52	2019.1.00763.L	NGC_4380_a_06_7M	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	7-m	6

10:03:38	10:55:37	2019.1.01148.S	Cosmic_H_a_07_TM1	Where's the dust? 870um in Strongly Lensed z~2 Normal Galaxies	Sharon	OTHER	12-m	7
10:38:05	11:48:24	2019.1.00763.L	NGC_4501_a_06_TP	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	Total Power	6
11:04:39	12:08:20	2019.1.00477.S	ZC-41012_a_07_TM1	ColdSINS: an ALMA cold gas census of the deepest near-IR IFU+AO sample of z~2 star-forming galaxies	Forster Schreiber	EU	12-m	7
11:31:07	12:29:36	2019.1.00763.L	IC_3418_a_06_7M	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	7-m	6
11:48:32	12:31:06	2019.1.00763.L	NGC_4501_a_06_TP	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	Total Power	6
12:19:04	13:27:49	2019.1.00189.S	HD_10714_a_07_TM2	Unveiling the planetary architecture around the Solar analogue HD107146	Marino	EU	12-m	7
12:34:43	13:25:00	2019.A.00003.T	PKS_1413_d_07_7M	Gravitational millilensing as a tool for studying the microarcsec-scale structure in PKS1413+135	Kiehlmann	OTHER	7-m	7
12:44:59	13:55:04	2019.1.00763.L	NGC_4501_a_06_TP	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	Total Power	6
13:25:08	14:20:27	2019.1.00763.L	IC_3418_a_06_7M	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	7-m	6
13:36:26	14:34:22	2019.1.00403.S	HS1549-3_a_06_TM1	Unveiling obscured activities within a z=2.84 protocluster core	Kikuta	EA	12-m	6
13:55:11	15:00:00	2019.1.01364.S	G350_a_06_TP	How to form massive star and cluster in subsonic-to-transonic molecular clouds?	Cui	EA	Total Power	6
14:20:36	15:04:15	2019.1.00363.S	NGC5845_a_06_7M	WISDOM: Constraining the scatter in the M-sigma relation at fixed velocity dispersion	Davis	EU	7-m	6
22:08:54	23:28:56	2019.1.00673.S	RCS_J231_a_03_7M	The highest resolution imaging of the Sunyaev-Zel'dovich effect at z~1	Kitayama	EA	7-m	3
22:28:47	23:33:58	2019.1.00407.S	GRB18102_a_03_TM1	Connecting molecular gas properties of high-redshift galaxies observed in absorption and emission	Heintz	OTHER	12-m	3
23:39:24	00:58:51	2019.1.00673.S	RCS_J231_a_03_7M	The highest resolution imaging of the Sunyaev-Zel'dovich effect at z~1	Kitayama	EA	7-m	3
23:47:09	01:08:34	2019.2.00037.S	NGC_7674_a_06_TP	An ALMA CO(2-1) ACA Survey of Luminous Infrared Galaxies in GOALS	Evans	NA	Total Power	6
<b>2019-12-12</b>								
Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:12:59	01:17:55	2019.1.00407.S	GRB18102_a_03_TM1	Connecting molecular gas properties of high-redshift galaxies observed in absorption and emission	Heintz	OTHER	12-m	3
00:58:59	02:01:02	2018.A.00058.S	M_33_i_06_7M	ACA CO(2-1) mapping toward the nearest spiral galaxy M 33	Muraoka	EA	7-m	6
01:08:41	02:25:58	2019.2.00037.S	NGC_1365_a_06_TP	An ALMA CO(2-1) ACA Survey of Luminous Infrared Galaxies in GOALS	Evans	NA	Total Power	6
01:41:59	02:04:41	2019.1.01681.S	WD0346-0_a_06_TM1	An Efficient Test of Evolved Planetary System Modeling	Farihi	EU	12-m	6
02:04:51	03:13:18	2019.1.00251.S	BD+21_50_a_06_TM1	Kuiper Belt Progenitors in the Pleiades	Wilner	NA	12-m	6
02:13:46	03:26:17	2019.1.01063.S	L1489_IR_a_06_7M	The Kinematical Transition between the Envelope and Core around Young Embedded Protostars	Sai	EA	7-m	6
02:38:13	04:03:47	2018.A.00061.S	North_Mo_b_06_TP	ACA Mapping of the Star-Forming Northern Tip of the Large Magellanic Cloud Molecular Ridge	Bolatto	NA	Total Power	6
03:13:24	03:35:45	2019.1.01437.S	GM_Aur_I_06_TM1	An ALMA-TESS study of UV heating in protoplanetary disks	Espaillet	NA	12-m	6
03:26:24	04:36:23	2019.1.00722.S	ESO_548-_a_03_7M	Deep CO(J=1-0) mapping survey of 103 Eridanus supergroup galaxies with Morita array	Morokuma	EA	7-m	3
03:35:58	04:44:38	2019.1.00251.S	BD+21_50_a_06_TM1	Kuiper Belt Progenitors in the Pleiades	Wilner	NA	12-m	6
04:04:11	05:30:22	2018.A.00061.S	North_Mo_b_06_TP	ACA Mapping of the Star-Forming Northern Tip of the Large Magellanic Cloud Molecular Ridge	Bolatto	NA	Total Power	6
04:36:48	05:54:08	2019.1.01063.S	L1489_IR_a_06_7M	The Kinematical Transition between the Envelope and Core	Sai	EA	7-m	6

## around Young Embedded Protostars

04:44:55	05:01:17	2019.1.01529.S	CDFS-7_a_04_TM1	The Third Leg of Galaxy Stellar Mass Assembly: A Census of CO in high-redshift cluster centrals	Webb	NA	12-m	4
05:01:50	05:17:59	2019.1.01529.S	CDFS-6_a_04_TM1	The Third Leg of Galaxy Stellar Mass Assembly: A Census of CO in high-redshift cluster centrals	Webb	NA	12-m	4
05:18:15	06:23:49	2019.1.00951.S	1_a_06_TM1	Characterizing Protoplanetary Disks in the Orion L1641 Region	Grant	NA	12-m	6
05:30:46	06:57:26	2018.A.00061.S	North_Mo_b_06_TP	ACA Mapping of the Star-Forming Northern Tip of the Large Magellanic Cloud Molecular Ridge	Bolatto	NA	Total Power	6
05:54:30	07:21:32	2019.1.01132.S	NGC1482_b_03_7M	Molecular gas in the starburst-driven superwind of NGC 1482	Salak	EA	7-m	3
06:24:22	07:36:40	2019.1.00641.S	NGC2023_a_03_TM1	Environmental variations of the filament widths	Hacar	EU	12-m	3
06:57:50	08:24:18	2018.A.00061.S	North_Mo_b_06_TP	ACA Mapping of the Star-Forming Northern Tip of the Large Magellanic Cloud Molecular Ridge	Bolatto	NA	Total Power	6
07:21:39	08:13:55	2019.2.00028.S	UGC04455_a_06_7M	A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE	Bolatto	NA	7-m	6
07:36:46	08:22:58	2019.1.01634.L	UVISTA-Z_l_06_TM1	REBELS: An ALMA Large Program to Discover the Most Luminous [CII]+[OIII] Galaxies in the Reionization Epoch	Bouwens	CL EA EU NA	12-m	6
08:14:02	09:19:13	2019.2.00028.S	UGC05396_a_06_7M	A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE	Bolatto	NA	7-m	6
08:23:04	09:04:07	2019.1.01634.L	UVISTA-Y_c_06_TM1	REBELS: An ALMA Large Program to Discover the Most Luminous [CII]+[OIII] Galaxies in the Reionization Epoch	Bouwens	CL EA EU NA	12-m	6
08:52:52	10:03:20	2019.1.00763.L	NGC_4501_a_06_TP	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	Total Power	6
09:04:13	10:02:45	2019.1.01634.L	UVISTA-Z_c_06_TM1	REBELS: An ALMA Large Program to Discover the Most Luminous [CII]+[OIII] Galaxies in the Reionization Epoch	Bouwens	CL EA EU NA	12-m	6
09:19:19	10:32:15	2019.2.00028.S	NGC3300_a_06_7M	A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE	Bolatto	NA	7-m	6
10:03:24	11:04:30	2019.1.00763.L	NGC_4561_a_06_TP	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	Total Power	6
10:03:32	10:45:39	2019.1.01634.L	UVISTA-Y_c_06_TM1	REBELS: An ALMA Large Program to Discover the Most Luminous [CII]+[OIII] Galaxies in the Reionization Epoch	Bouwens	CL EA EU NA	12-m	6
10:32:56	12:01:17	2019.1.00763.L	NGC_4567_a_06_7M	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	7-m	6
10:53:45	12:00:20	2019.1.01251.S	Q1227+28_a_04_TM1	SUPERCOLD-CGM: a high-z survey of molecular gas across the circumgalactic medium of Enormous Lya Nebulae	Emonts	NA	12-m	4
11:11:41	12:12:50	2019.1.00763.L	NGC_4561_a_06_TP	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	Total Power	6
12:05:34	13:00:25	2019.1.00466.S	PSO_J183_a_06_TM1	Probing [CII] Emission Associated with the First Sample of Strongest OI Absorption Systems in the Reionization Epoch	Cai	NA	12-m	6
12:23:10	13:24:23	2019.1.00763.L	NGC_4561_a_06_TP	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	Total Power	6
12:32:00	13:50:54	2019.1.00763.L	NGC_4808_a_06_7M	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	7-m	6
13:08:16	13:58:44	2019.1.01305.S	ngc4981_a_06_TM1	The direct measurement of the bar pattern speed of galaxies	Tanaka	EA	12-m	6
13:51:01	14:37:35	2019.1.00363.S	3C296_a_06_7M	WISDOM: Constraining the scatter in the M-sigma relation at fixed velocity dispersion	Davis	EU	7-m	6
13:58:52	15:03:16	2019.1.00403.S	HS1549-3_a_06_TM1	Unveiling obscured activities within a z=2.84 protocluster core	Kikuta	EA	12-m	6
14:07:54	15:09:09	2019.1.00763.L	NGC_4561_a_06_TP	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	Total Power	6
14:44:51	16:05:09	2019.1.00187.S	U_Her_a_03_7M	Initial mass estimates for AGB stars from oxygen isotopes	Danilovich	EU	7-m	3

15:09:17	16:14:34	2019.1.01364.S	G350_a_06_TP	How to form massive star and cluster in subsonic-to-transonic molecular clouds?	Cui	EA	Total Power	6
15:15:18	16:18:11	2019.1.01031.S	CN13_a_03_TM1	Magnetic Fields in CN-Bright Molecular Clouds	Barnes	NA	12-m	3
16:05:16	17:09:56	2019.1.00187.S	RW_Sco_a_03_7M	Initial mass estimates for AGB stars from oxygen isotopes	Danilovich	EU	7-m	3
16:18:18	17:10:13	2019.1.01663.S	iPTF16ba_a_03_TM1	Testing the Connection Between Fast Radio Bursts and Superluminous Supernovae with ALMA	Eftekhari	NA	12-m	3
16:21:47	17:50:54	2019.1.00263.S	G34.26+0_a_06_TP	Explosive Outflows from Compact Groups of Forming Massive Protostars	Bally	NA	Total Power	6
17:10:20	18:13:13	2019.1.01187.S	PSR_J174_a_03_TM1	The Mouse Pulsar Wind Nebula	Klingler	NA	12-m	3
17:17:19	18:17:30	2019.1.01556.S	SDC13_a_03_7M	On the universality of fibres in star forming filaments	Williams	EU	7-m	3
18:28:49	19:31:03	2019.1.01187.S	PSR_J174_a_03_TM1	The Mouse Pulsar Wind Nebula	Klingler	NA	12-m	3
18:33:28	19:49:59	2019.1.01556.S	SDC13_a_03_TP	On the universality of fibres in star forming filaments	Williams	EU	Total Power	3
18:34:02	19:59:23	2019.1.01556.S	SDC13_a_03_7M	On the universality of fibres in star forming filaments	Williams	EU	7-m	3
19:49:10	20:44:41	2019.1.01102.S	ASA26.1_c_03_TM1	Identifying a SMG in the EoR	Umehata	EA	12-m	3
19:50:06	21:05:33	2019.1.01556.S	SDC13_a_03_TP	On the universality of fibres in star forming filaments	Williams	EU	Total Power	3
19:59:30	21:29:35	2019.1.01556.S	SDC13_a_03_7M	On the universality of fibres in star forming filaments	Williams	EU	7-m	3
20:44:48	21:40:35	2019.1.01102.S	ASA26.1_b_03_TM1	Identifying a SMG in the EoR	Umehata	EA	12-m	3
21:37:38	22:59:07	2019.2.00037.S	NGC_7674_a_06_TP	An ALMA CO(2-1) ACA Survey of Luminous Infrared Galaxies in GOALS	Evans	NA	Total Power	6
21:41:53	22:54:45	2019.1.00486.S	SPT2340-_a_03_TM1	Completing the SPT+ALMA Redshift Survey	Reuter	NA	12-m	3
21:54:29	23:14:20	2019.1.00673.S	RCS_J231_a_03_7M	The highest resolution imaging of the Sunyaev-Zel'dovich effect at z~1	Kitayama	EA	7-m	3
23:06:51	00:28:20	2019.2.00037.S	NGC_7674_a_06_TP	An ALMA CO(2-1) ACA Survey of Luminous Infrared Galaxies in GOALS	Evans	NA	Total Power	6
23:08:20	23:31:12	2019.1.01477.S	HerBS-10_c_04_TM1	A comprehensive ALMA Redshift Survey of the Brightest Herschel Galaxies	Urquhart	EU	12-m	4
23:14:27	00:33:51	2019.1.00673.S	RCS_J231_a_03_7M	The highest resolution imaging of the Sunyaev-Zel'dovich effect at z~1	Kitayama	EA	7-m	3
23:31:20	23:53:07	2019.1.01477.S	HerBS-18_b_04_TM1	A comprehensive ALMA Redshift Survey of the Brightest Herschel Galaxies	Urquhart	EU	12-m	4
23:53:14	00:13:11	2019.1.01477.S	HerBS-18_c_04_TM1	A comprehensive ALMA Redshift Survey of the Brightest Herschel Galaxies	Urquhart	EU	12-m	4

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Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:13:18	00:45:13	2019.1.01477.S	HerBS-10_l_04_TM1	A comprehensive ALMA Redshift Survey of the Brightest Herschel Galaxies	Urquhart	EU	12-m	4
00:28:27	01:45:43	2019.2.00037.S	NGC_1365_a_06_TP	An ALMA CO(2-1) ACA Survey of Luminous Infrared Galaxies in GOALS	Evans	NA	Total Power	6
00:39:42	02:09:45	2019.1.01251.S	Q0052+01_a_04_7M	SUPERCOLD-CGM: a high-z survey of molecular gas across the circumgalactic medium of Enormous Lya Nebulae	Emonts	NA	7-m	4
00:45:20	01:17:17	2019.1.01477.S	HerBS-10_h_04_TM1	A comprehensive ALMA Redshift Survey of the Brightest Herschel Galaxies	Urquhart	EU	12-m	4
01:17:24	01:49:28	2019.1.01477.S	HerBS-10_d_04_TM1	A comprehensive ALMA Redshift Survey of the Brightest Herschel Galaxies	Urquhart	EU	12-m	4
01:58:01	03:23:42	2018.A.00061.S	North_Mo_b_06_TP	ACA Mapping of the Star-Forming Northern Tip of the Large Magellanic Cloud Molecular Ridge	Bolatto	NA	Total Power	6
02:02:52	02:24:16	2019.1.01477.S	HerBS-18_a_04_TM1	A comprehensive ALMA Redshift Survey of the Brightest Herschel Galaxies	Urquhart	EU	12-m	4
02:22:53	03:49:22	2019.1.01251.S	Q0101+02_a_04_7M	SUPERCOLD-CGM: a high-z survey of molecular gas across	Emonts	NA	7-m	4

02:24:26	03:33:15	2019.1.00251.S	BD+21_50_a_06_TM1	the circum-galactic medium of Enormous Lya Nebulae Kuiper Belt Progenitors in the Pleiades	Wilner	NA	12-m	6
03:23:49	04:49:44	2018.A.00061.S	North_Mo_b_06_TP	ACA Mapping of the Star-Forming Northern Tip of the Large Magellanic Cloud Molecular Ridge	Bolatto	NA	Total Power	6
03:33:22	04:15:46	2019.1.01528.S	1mm.06_a_04_TM1	A new Benchmark for CO Excitation in Normal High-z Galaxies	Boogaard	EU	12-m	4
03:49:30	04:59:29	2019.1.00722.S	ESO_548-_a_03_7M	Deep CO(J=1-0) mapping survey of 103 Eridanus supergroup galaxies with Morita array	Morokuma	EA	7-m	3
04:16:08	04:58:14	2019.1.01528.S	1mm.14_a_04_TM1	A new Benchmark for CO Excitation in Normal High-z Galaxies	Boogaard	EU	12-m	4
04:49:51	06:16:32	2018.A.00061.S	North_Mo_b_06_TP	ACA Mapping of the Star-Forming Northern Tip of the Large Magellanic Cloud Molecular Ridge	Bolatto	NA	Total Power	6
04:58:21	05:42:42	2019.1.01528.S	1mm.10_a_04_TM1	A new Benchmark for CO Excitation in Normal High-z Galaxies	Boogaard	EU	12-m	4
04:59:37	06:13:47	2019.1.00722.S	ESO_482G_a_03_7M	Deep CO(J=1-0) mapping survey of 103 Eridanus supergroup galaxies with Morita array	Morokuma	EA	7-m	3
05:42:53	06:48:36	2019.1.00951.S	1_a_06_TM1	Characterizing Protoplanetary Disks in the Orion L1641 Region	Grant	NA	12-m	6
06:13:55	06:43:31	2019.2.00155.S	HerBS-88_a_04_7M	The home stretch: Completing the redshift catalogue of a large flux-limited high-redshift Herschel sample	Bakx	EA	7-m	4
06:16:39	07:43:22	2018.A.00061.S	North_Mo_b_06_TP	ACA Mapping of the Star-Forming Northern Tip of the Large Magellanic Cloud Molecular Ridge	Bolatto	NA	Total Power	6
06:43:39	07:13:02	2019.2.00155.S	HerBS-88_b_04_7M	The home stretch: Completing the redshift catalogue of a large flux-limited high-redshift Herschel sample	Bakx	EA	7-m	4
06:48:44	08:18:53	2019.1.01600.S	AS2COS00_a_03_TM1	A complete census of spectroscopic redshift of 850 micron selected high-redshift HyLIRGs	Chen	EU	12-m	3
07:13:09	07:42:30	2019.2.00155.S	HerBS-88_c_04_7M	The home stretch: Completing the redshift catalogue of a large flux-limited high-redshift Herschel sample	Bakx	EA	7-m	4
07:42:37	08:20:58	2019.2.00155.S	HerBS-14_a_04_7M	The home stretch: Completing the redshift catalogue of a large flux-limited high-redshift Herschel sample	Bakx	EA	7-m	4
07:43:35	08:33:25	2019.2.00062.S	Horsekne_a_04_TP	Unlocking the Potential of the Most Definitive Molecular Tracer of UV-Enhancement: I-C3H+	Lipnicky	NA	Total Power	4
08:19:00	09:17:24	2019.1.01634.L	UVISTA-Z_c_06_TM1	REBELS: An ALMA Large Program to Discover the Most Luminous [CII]+[OIII] Galaxies in the Reionization Epoch	Bouwens	CL EA EU NA	12-m	6
08:21:06	09:20:56	2019.2.00037.S	IRAS_090_a_06_7M	An ALMA CO(2-1) ACA Survey of Luminous Infrared Galaxies in GOALS	Evans	NA	7-m	6
09:17:31	09:31:40	2019.1.00195.L	631754_a_06_TM2	ALMAGAL: ALMA Evolutionary study of High Mass Protocluster Formation in the Galaxy	Molinari	EA EU NA	12-m	6
09:31:46	10:34:42	2019.1.01634.L	UVISTA-Z_i_06_TM1	REBELS: An ALMA Large Program to Discover the Most Luminous [CII]+[OIII] Galaxies in the Reionization Epoch	Bouwens	CL EA EU NA	12-m	6
09:31:58	10:31:47	2019.2.00126.S	IRAS1056_a_06_7M	Can Isotopologue Line Ratios Probe the IMF in Extremely Star-Forming Galaxies?	Brown	NA	7-m	6
09:32:22	10:33:27	2019.1.00763.L	NGC_4561_a_06_TP	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	Total Power	6
10:31:55	11:51:07	2019.1.00763.L	NGC_4808_a_06_7M	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	7-m	6
10:33:35	11:34:41	2019.1.00763.L	NGC_4561_a_06_TP	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	Total Power	6
10:34:49	11:29:43	2019.1.00466.S	PSO_J183_a_06_TM1	Probing [CII] Emission Associated with the First Sample of Strongest OI Absorption Systems	Cai	NA	12-m	6

				in the Reionization Epoch					
11:34:48	12:35:57	2019.1.00763.L	NGC_4561_a_06_TP	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	Total Power	6	
11:37:39	12:28:26	2019.1.01305.S	ngc4981_a_06_TM1	The direct measurement of the bar pattern speed of galaxies	Tanaka	EA	12-m	6	
11:58:19	13:17:05	2019.1.00763.L	NGC_4808_a_06_7M	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	7-m	6	
12:32:58	13:34:17	2019.1.00130.S	NGC4945_a_03_TM1	A decisive answer on the carbon isotopic ratio in galaxies with ALMA	Martin	EU	12-m	3	
13:17:13	14:29:44	2019.1.00763.L	NGC_4580_a_06_7M	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	7-m	6	
13:47:44	14:52:09	2019.1.00403.S	HS1549-3_a_06_TM1	Unveiling obscured activities within a z=2.84 protocluster core	Kikuta	EA	12-m	6	
13:56:26	15:00:55	2019.1.01364.S	G350_a_06_TP	How to form massive star and cluster in subsonic-to-transonic molecular clouds?	Cui	EA	Total Power	6	
14:37:04	15:10:20	2019.1.01326.S	Position_o_03_7M	Localized Feedback Processes in the Galactic CMZ	Candelaria	NA	7-m	3	
14:52:16	16:08:51	2019.1.00245.S	153703.1_a_03_TM1	Confirmation of a sample of pre- and proto-substellar objects in Lupus molecular clouds	de Gregorio-Monsalvo	EU	12-m	3	
15:11:12	16:41:46	2019.1.01556.S	SDC13_a_03_7M	On the universality of fibres in star forming filaments	Williams	EU	7-m	3	
15:14:46	16:30:39	2019.1.01556.S	SDC13_a_03_TP	On the universality of fibres in star forming filaments	Williams	EU	Total Power	3	
16:20:57	17:37:11	2019.1.00245.S	153703.1_a_03_TM1	Confirmation of a sample of pre- and proto-substellar objects in Lupus molecular clouds	de Gregorio-Monsalvo	EU	12-m	3	
16:51:14	18:16:51	2019.1.01556.S	SDC13_a_03_7M	On the universality of fibres in star forming filaments	Williams	EU	7-m	3	
16:51:53	18:17:02	2019.1.01556.S	SDC13_a_03_TP	On the universality of fibres in star forming filaments	Williams	EU	Total Power	3	
18:11:01	18:27:19	2019.1.00021.S	V644_Sco_a_03_TM1	The structure of the detached shells around DR Ser, V644 Sco, and S Sct	Maercker	EU	12-m	3	
18:16:58	19:42:32	2019.1.01556.S	SDC13_a_03_7M	On the universality of fibres in star forming filaments	Williams	EU	7-m	3	
18:17:09	19:15:41	2019.1.01556.S	SDC13_a_03_TP	On the universality of fibres in star forming filaments	Williams	EU	Total Power	3	
18:28:59	19:23:06	2019.1.01102.S	ASA26.1_e_03_TM1	Identifying a SMG in the EoR	Umehata	EA	12-m	3	
19:28:07	20:26:39	2019.1.01102.S	ASA26.1_c_03_TM1	Identifying a SMG in the EoR	Umehata	EA	12-m	3	
19:50:21	21:25:00	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	
20:38:56	21:07:30	2019.1.01477.S	HerBS-10_g_03_TM1	A comprehensive ALMA Redshift Survey of the Brightest Herschel Galaxies	Urquhart	EU	12-m	3	
21:07:37	21:24:30	2019.1.01136.S	8655-190_a_03_TM1	Resolving the rapid quenching of star formation in the local Universe	Rowlands	NA	12-m	3	
21:25:06	22:45:19	2019.1.00673.S	RCS_J231_a_03_7M	The highest resolution imaging of the Sunyaev-Zel'dovich effect at z~1	Kitayama	EA	7-m	3	
21:29:29	21:59:52	2019.1.01663.S	SN2018gf_a_03_TM1	Testing the Connection Between Fast Radio Bursts and Superluminous Supernovae with ALMA	Eftekhari	NA	12-m	3	
21:59:57	22:17:48	2019.1.01477.S	HerBS-10_k_03_TM1	A comprehensive ALMA Redshift Survey of the Brightest Herschel Galaxies	Urquhart	EU	12-m	3	
22:17:55	22:35:37	2019.1.01477.S	HerBS-10_f_03_TM1	A comprehensive ALMA Redshift Survey of the Brightest Herschel Galaxies	Urquhart	EU	12-m	3	
22:52:54	00:19:58	2019.1.01251.S	Q0101+02_a_04_7M	SUPERCOLD-CGM: a high-z survey of molecular gas across the circumgalactic medium of Enormous Lya Nebulae	Emonts	NA	7-m	4	
22:59:19	23:28:18	2019.1.01477.S	HerBS-10_o_03_TM1	A comprehensive ALMA Redshift Survey of the Brightest Herschel Galaxies	Urquhart	EU	12-m	3	
23:28:25	23:57:43	2019.1.01477.S	HerBS-10_j_03_TM1	A comprehensive ALMA Redshift Survey of the Brightest Herschel Galaxies	Urquhart	EU	12-m	3	
23:57:51	00:39:31	2019.1.01528.S	1mm.16_a_04_TM1	A new Benchmark for CO Excitation in Normal High-z Galaxies	Boogaard	EU	12-m	4	



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Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:20:08	01:54:09	2019.1.00722.S	2MASX_J0_a_03_7M	Deep CO(J=1-0) mapping survey of 103 Eridanus supergroup galaxies with Morita array	Morokuma	EA	7-m	3
00:39:38	01:24:09	2019.1.00838.S	ALMA_3mm_b_04_TM1	The first complete redshift distribution of 3mm-selected sources	Zavala	NA	12-m	4
01:37:16	01:58:37	2019.1.01537.S	GOODS-S_a_04_TM1	A joint ALMA-KMOS program to probe the ISM physics and galaxy evolution at z~2	Curti	EU	12-m	4
01:58:43	02:53:18	2019.1.01528.S	1mm.05_a_04_TM1	A new Benchmark for CO Excitation in Normal High-z Galaxies	Boogaard	EU	12-m	4
02:06:55	03:40:23	2019.2.00167.S	L1448-C_a_04_7M	Grain growth in the youngest protostellar envelopes: the pristine properties of star and planet-forming material	Galamez	EU	7-m	4
02:53:24	03:10:07	2019.1.01136.S	8086-370_a_03_TM1	Resolving the rapid quenching of star formation in the local Universe	Rowlands	NA	12-m	3
03:10:57	03:27:13	2019.1.01136.S	8085-610_a_03_TM1	Resolving the rapid quenching of star formation in the local Universe	Rowlands	NA	12-m	3
03:26:07	04:51:35	2018.A.00061.S	North_Mo_b_06_TP	ACA Mapping of the Star-Forming Northern Tip of the Large Magellanic Cloud Molecular Ridge	Bolatto	NA	Total Power	6
03:27:56	04:23:18	2019.1.01136.S	8083-127_a_03_TM1	Resolving the rapid quenching of star formation in the local Universe	Rowlands	NA	12-m	3
03:40:32	05:09:17	2019.1.00722.S	2MASX_J0_a_03_7M	Deep CO(J=1-0) mapping survey of 103 Eridanus supergroup galaxies with Morita array	Morokuma	EA	7-m	3
04:23:25	05:07:30	2019.1.00949.S	MJ0417-l_c_04_TM1	A triple-image HST-dark but IRAC and ALMA-detected galaxy behind a lensing cluster	Kohno	EA	12-m	4
04:51:42	06:18:21	2018.A.00061.S	North_Mo_b_06_TP	ACA Mapping of the Star-Forming Northern Tip of the Large Magellanic Cloud Molecular Ridge	Bolatto	NA	Total Power	6
05:08:10	05:39:27	2019.1.01663.S	SN2017gc_a_03_TM1	Testing the Connection Between Fast Radio Bursts and Superluminous Supernovae with ALMA	Eftekhari	NA	12-m	3
05:09:26	06:46:11	2019.1.00722.S	2MASX_J0_a_03_7M	Deep CO(J=1-0) mapping survey of 103 Eridanus supergroup galaxies with Morita array	Morokuma	EA	7-m	3
05:39:34	06:25:51	2019.1.01136.S	8941-370_a_03_TM1	Resolving the rapid quenching of star formation in the local Universe	Rowlands	NA	12-m	3
06:18:28	07:45:12	2018.A.00061.S	North_Mo_b_06_TP	ACA Mapping of the Star-Forming Northern Tip of the Large Magellanic Cloud Molecular Ridge	Bolatto	NA	Total Power	6
06:45:17	08:16:34	2019.1.01600.S	AS2COS00_a_03_TM1	A complete census of spectroscopic redshift of 850 micron selected high-redshift HyLIRGs	Chen	EU	12-m	3
06:46:17	07:24:50	2019.2.00155.S	HerBS-14_b_04_7M	The home stretch: Completing the redshift catalogue of a large flux-limited high-redshift Herschel sample	Bakx	EA	7-m	4
07:24:57	08:03:22	2019.2.00155.S	HerBS-14_c_04_7M	The home stretch: Completing the redshift catalogue of a large flux-limited high-redshift Herschel sample	Bakx	EA	7-m	4
08:16:47	09:47:16	2019.1.01600.S	AS2COS00_a_03_TM1	A complete census of spectroscopic redshift of 850 micron selected high-redshift HyLIRGs	Chen	EU	12-m	3
08:18:29	08:59:21	2019.2.00155.S	HerBS-14_a_03_7M	The home stretch: Completing the redshift catalogue of a large flux-limited high-redshift Herschel sample	Bakx	EA	7-m	3
08:59:28	10:24:06	2019.2.00155.S	HerBS-10_a_04_7M	The home stretch: Completing the redshift catalogue of a large flux-limited high-redshift Herschel sample	Bakx	EA	7-m	4
09:47:22	10:28:32	2019.1.01634.L	UVISTA-Y_b_06_TM1	REBELS: An ALMA Large Program to Discover the Most Luminous [CII]+[OIII] Galaxies in the	Bouwens	CL EA EU NA	12-m	6

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
10:24:14	11:50:11	2019.1.01251.S	Q1227+28_a_04_7M	Reionization Epoch SUPERCOLD-CGM: a high-z survey of molecular gas across the circumgalactic medium of Enormous Ly $\alpha$ Nebulae	Emonts	NA	7-m	4
10:28:38	11:30:14	2019.1.00130.S	NGC4945_a_03_TM1	A decisive answer on the carbon isotopic ratio in galaxies with ALMA	Martin	EU	12-m	3
11:39:47	12:36:02	2019.1.00562.S	ngc_4302_a_03_TM2	Resolving the Disk Thickness of the perfect edge-on galaxy NGC 4302	Yim	EA	12-m	3
12:04:03	13:21:38	2019.1.01124.S	ngc4550_a_03_7M	Which way does it go? Molecular gas in multi-spin stellar counterrotator galaxies	Young	NA	7-m	3
12:50:07	13:51:41	2019.1.00130.S	NGC4945_a_03_TM1	A decisive answer on the carbon isotopic ratio in galaxies with ALMA	Martin	EU	12-m	3
13:23:57	14:10:54	2019.2.00155.S	J141955_a_04_7M	The home stretch: Completing the redshift catalogue of a large flux-limited high-redshift Herschel sample	Bakx	EA	7-m	4
13:37:29	14:34:45	2019.1.01326.S	Position_h_03_TP	Localized Feedback Processes in the Galactic CMZ	Candelaria	NA	Total Power	3
13:51:47	14:52:44	2019.1.00130.S	NGC4945_a_03_TM1	A decisive answer on the carbon isotopic ratio in galaxies with ALMA	Martin	EU	12-m	3
14:21:43	14:54:43	2019.1.01326.S	Position_n_03_7M	Localized Feedback Processes in the Galactic CMZ	Candelaria	NA	7-m	3
14:34:52	15:52:38	2019.1.01556.S	SDC13_a_03_TP	On the universality of fibres in star forming filaments	Williams	EU	Total Power	3
15:06:19	15:55:57	2019.1.01663.S	iPTF16ba_a_03_TM1	Testing the Connection Between Fast Radio Bursts and Superluminous Supernovae with ALMA	Eftekhari	NA	12-m	3
23:18:00	23:45:13	2019.1.00486.S	SPT2354-_a_05_TM1	Completing the SPT+ALMA Redshift Survey	Reuter	NA	12-m	5
23:45:20	00:07:07	2019.1.01677.S	J012549-_a_06_TM2	Probing spatially resolved winds in powerful starbursts at high redshift with Hydrogen Fluoride	Lehnert	EU	12-m	6
<b>2019-12-15</b>								
Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:25:37	01:08:14	2019.1.01529.S	XMM-1_a_03_TM1	The Third Leg of Galaxy Stellar Mass Assembly: A Census of CO in high-redshift cluster centrals	Webb	NA	12-m	3
01:08:21	01:50:23	2019.1.01529.S	XMM-1_a_03_TM1	The Third Leg of Galaxy Stellar Mass Assembly: A Census of CO in high-redshift cluster centrals	Webb	NA	12-m	3
02:14:05	02:35:53	2019.1.01529.S	CDFS-11_a_05_TM1	The Third Leg of Galaxy Stellar Mass Assembly: A Census of CO in high-redshift cluster centrals	Webb	NA	12-m	5
02:35:59	02:58:06	2019.1.01529.S	CDFS-2_a_05_TM1	The Third Leg of Galaxy Stellar Mass Assembly: A Census of CO in high-redshift cluster centrals	Webb	NA	12-m	5
02:58:12	03:16:24	2018.1.01205.L	L1527_b_06_TM2	Fifty AU SStudy of the chemistry in the disk/envelope system of Solar-like protostars (FAUST)	Yamamoto	EA EU NA	12-m	6
03:16:29	03:38:54	2019.1.01437.S	GM_Aur_o_06_TM1	An ALMA-TESS study of UV heating in protoplanetary disks	Espaillet	NA	12-m	6
03:44:02	04:56:49	2019.1.00063.S	AB_Aur_a_07_7M	The kilo-au environments of T Tauri stars	Williams	NA	7-m	7
03:44:45	05:07:25	2018.A.00061.S	North_Mo_b_06_TP	ACA Mapping of the Star-Forming Northern Tip of the Large Magellanic Cloud Molecular Ridge	Bolatto	NA	Total Power	6
03:52:22	04:14:28	2019.1.01529.S	CDFS-1_a_05_TM1	The Third Leg of Galaxy Stellar Mass Assembly: A Census of CO in high-redshift cluster centrals	Webb	NA	12-m	5
04:39:42	05:34:16	2019.1.01030.S	RN31_a_07_TM1	Deep CO (3-2) and continuum survey of Rosette Nebula globulettes	Haikala	CL	12-m	7
05:34:57	06:29:29	2019.1.01030.S	RN114_a_07_TM1	Deep CO (3-2) and continuum survey of Rosette Nebula globulettes	Haikala	CL	12-m	7
06:29:47	07:24:35	2019.1.01030.S	RN31_a_07_TM1	Deep CO (3-2) and continuum survey of Rosette Nebula globulettes	Haikala	CL	12-m	7
06:39:15	07:17:49	2019.1.00507.S	CW_Leo_c_06_7M	Monitor 1.1mm line variability in IRC +10216 (IV).	He	CL	7-m	6

07:24:41	08:28:18	2019.1.00477.S	ZC-41012_a_07_TM1	ColdSINS: an ALMA cold gas census of the deepest near-IR IFU+AO sample of z~2 star-forming galaxies	Forster Schreiber	EU	12-m	7
07:35:50	09:05:02	2019.2.00143.S	alma2mm._a_07_7M	SED Constraints for a candidate high-z 2mm-selected DSFG	Casey	NA	7-m	7
08:28:25	10:09:50	2019.1.01008.T	Ephemeris_a_07_TM1	Direct sublimation vs. gas-phase synthesis: A Comet TOO proposal	Milam	NA	12-m	7
09:05:10	10:24:45	2019.1.00763.L	NGC_4222_a_06_7M	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	7-m	6
10:11:28	10:57:38	2019.1.01634.L	UVISTA-Z_h_06_TM1	REBELS: An ALMA Large Program to Discover the Most Luminous [CII]+[OIII] Galaxies in the Reionization Epoch	Bouwens	CL EA EU NA	12-m	6
11:06:38	12:05:03	2019.1.01008.T	Ephemeris_a_07_TM1	Direct sublimation vs. gas-phase synthesis: A Comet TOO proposal	Milam	NA	12-m	7
11:33:03	12:05:51	2019.1.00363.S	NGC4866_a_06_7M	WISDOM: Constraining the scatter in the M-sigma relation at fixed velocity dispersion	Davis	EU	7-m	6
18:36:57	19:17:27	2019.1.01326.S	Position_h_03_7M	Localized Feedback Processes in the Galactic CMZ	Candelaria	NA	7-m	3
19:18:20	19:46:47	2019.1.01326.S	Position_g_03_7M	Localized Feedback Processes in the Galactic CMZ	Candelaria	NA	7-m	3
19:48:24	20:45:06	2019.2.00028.S	UGC11792_a_06_7M	A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE	Bolatto	NA	7-m	6
21:08:27	22:28:20	2019.1.00673.S	RCS_J231_a_03_7M	The highest resolution imaging of the Sunyaev-Zel'dovich effect at z~1	Kitayama	EA	7-m	3
21:11:49	22:28:13	2019.2.00037.S	IC_5179_a_06_TP	An ALMA CO(2-1) ACA Survey of Luminous Infrared Galaxies in GOALS	Evans	NA	Total Power	6
21:35:16	21:57:01	2019.1.00036.S	NGC7626_a_06_TM2	Probing the Over-massive Black Hole Populations in Compact, High-Dispersion Galaxies	Nguyen	EA	12-m	6
22:28:27	23:25:06	2019.2.00028.S	MCG-01-0_b_06_7M	A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE	Bolatto	NA	7-m	6
22:29:56	23:40:53	2019.1.00486.S	SPT0112-_a_03_TM1	Completing the SPT+ALMA Redshift Survey	Reuter	NA	12-m	3
22:35:52	23:51:47	2019.2.00037.S	ESO_467-_a_06_TP	An ALMA CO(2-1) ACA Survey of Luminous Infrared Galaxies in GOALS	Evans	NA	Total Power	6
23:25:18	00:24:13	2018.A.00058.S	M_33_i_06_7M	ACA CO(2-1) mapping toward the nearest spiral galaxy M 33	Muraoka	EA	7-m	6
23:41:00	00:30:58	2019.1.00102.S	uds_1084_a_06_TM1	A survey for the molecular gas content in normal star-forming galaxies at z~1.5: a VLT/KMOS and ALMA synergy	Ibar	CL	12-m	6
23:51:56	01:04:59	2019.2.00129.S	NGC1068_a_06_TP	Assessing the impact of AGN feedback in the prototypical Seyfert 2 galaxy NGC 1068	Querejeta	EU	Total Power	6

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Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:24:22	01:25:47	2018.A.00058.S	M_33_h_06_7M	ACA CO(2-1) mapping toward the nearest spiral galaxy M 33	Muraoka	EA	7-m	6
00:31:05	01:47:00	2019.1.00696.S	eps_eri_a_06_TM1	The Shape of Things to Come: Planetary Influence on the Inner Edge of the Closest Debris Disc	Booth	EU	12-m	6
01:05:07	02:18:12	2019.2.00129.S	NGC1068_a_06_TP	Assessing the impact of AGN feedback in the prototypical Seyfert 2 galaxy NGC 1068	Querejeta	EU	Total Power	6
01:38:33	02:51:07	2019.1.01063.S	L1489_IR_a_06_7M	The Kinematical Transition between the Envelope and Core around Young Embedded Protostars	Sai	EA	7-m	6
02:00:10	03:08:59	2019.1.00251.S	BD+21_50_a_06_TM1	Kuiper Belt Progenitors in the Pleiades	Wilner	NA	12-m	6
02:30:47	03:59:15	2019.1.00558.S	Horsehea_a_07_TP	Photo-erosion of molecular clouds: The Horsehead	Guzman	CL	Total Power	7
02:51:48	04:04:07	2019.1.00063.S	AB_Aur_a_07_7M	The kilo-au environments of T Tauri stars	Williams	NA	7-m	7
03:09:05	03:31:30	2019.1.01437.S	GM_Aur_p_06_TM1	An ALMA-TESS study of UV heating in protoplanetary disks	Espaillet	NA	12-m	6
03:59:21	05:21:28	2018.A.00061.S	North_Mo_b_06_TP	ACA Mapping of the Star-Forming	Bolatto	NA	Total Power	6

04:04:15	05:20:02	2019.1.00722.S	ESO_482G_a_03_7M	Northern Tip of the Large Magellanic Cloud Molecular Ridge Deep CO(J=1-0) mapping survey of 103 Eridanus supergroup galaxies with Morita array	Morokuma	EA	7-m	3
04:24:08	05:33:24	2019.1.00251.S	BD+21_50_a_06_TM1	Kuiper Belt Progenitors in the Pleiades	Wilner	NA	12-m	6
05:20:09	06:16:42	2019.2.00040.S	0546-534_a_07_7M	Extended Dust Profile of z~2 Cluster-Lensed Submillimeter Galaxies	Sun	NA	7-m	7
05:33:34	06:39:16	2019.1.00951.S	1_a_06_TM1	Characterizing Protoplanetary Disks in the Orion L1641 Region	Grant	NA	12-m	6
06:32:24	07:30:01	2019.2.00028.S	UGC04240_a_06_7M	A Representative Interferometric Survey of Galaxies in the z=0 Universe with Full IFU Spectroscopic Coverage: EDGE	Bolatto	NA	7-m	6
07:17:10	08:20:17	2019.1.01634.L	UVISTA-Z_i_06_TM1	REBELS: An ALMA Large Program to Discover the Most Luminous [CII]+[OIII] Galaxies in the Reionization Epoch	Bouwens	CL EA EU NA	12-m	6
07:30:08	08:12:40	2019.2.00128.S	G09-8380_a_06_7M	A Comprehensive [CII] Survey of Herschel-Selected Starbursts at z=3-6	Riechers	NA	7-m	6
08:12:47	09:41:49	2019.2.00143.S	alma2mm._a_07_7M	SED Constraints for a candidate high-z 2mm-selected DSFG	Casey	NA	7-m	7
08:25:04	09:10:58	2019.1.01634.L	UVISTA-Z_h_06_TM1	REBELS: An ALMA Large Program to Discover the Most Luminous [CII]+[OIII] Galaxies in the Reionization Epoch	Bouwens	CL EA EU NA	12-m	6
09:11:24	09:52:38	2019.1.01634.L	UVISTA-Y_b_06_TM1	REBELS: An ALMA Large Program to Discover the Most Luminous [CII]+[OIII] Galaxies in the Reionization Epoch	Bouwens	CL EA EU NA	12-m	6
09:52:44	10:51:18	2019.1.01634.L	UVISTA-Z_b_06_TM1	REBELS: An ALMA Large Program to Discover the Most Luminous [CII]+[OIII] Galaxies in the Reionization Epoch	Bouwens	CL EA EU NA	12-m	6
10:23:07	11:42:51	2019.1.00763.L	NGC_4222_a_06_7M	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	7-m	6
11:18:38	12:56:29	2019.1.01008.T	Ephemeris_a_07_TM1	Direct sublimation vs. gas-phase synthesis: A Comet TOO proposal	Milam	NA	12-m	7
11:53:42	13:01:48	2019.1.00763.L	NGC_4580_a_06_7M	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	7-m	6
12:58:24	13:31:36	2019.1.01683.S	HD_14300_b_07_TM2	Shadows in time: resolving disk surface chemistry using inner disk shadows	Bosman	EU	12-m	7
13:13:48	14:36:56	2019.1.00763.L	NGC_4698_a_06_7M	VERTICO: The Virgo Environment Traced in CO	Brown	EA EU NA	7-m	6
13:44:02	14:48:36	2019.1.00403.S	HS1549-2_a_06_TM1	Unveiling obscured activities within a z=2.84 protocluster core	Kikuta	EA	12-m	6
15:17:42	16:23:23	2019.1.00403.S	HS1549-2_a_06_TM1	Unveiling obscured activities within a z=2.84 protocluster core	Kikuta	EA	12-m	6
15:30:49	17:00:38	2019.1.01781.S	CO-0.40-_a_06_7M	Search for Self-Gravitating Cores in the Cloud-Cloud Collision Region CO-0.4	Tanaka	EA	7-m	6
16:49:45	17:51:09	2019.1.00783.S	Titan_b_06_TM1	Elucidating Titan's High-Altitude Nitrogen Chemistry	Cordiner	NA	12-m	6