60" Schedule for January 2018 (as of 17 Apr 2018)

January February March April Programs PDF Schedules

DATE	MOON	INST	OBSERVER	PI AND PROGRAM	MMT	
Jan 1 Mon	1.00	TRES	MC	TRES Combo	---	NEW YEAR's DAY
Jan 2 Tue	0.98	"	GE	"	---	
Jan 3 Wed	0.93	"	"	"	---	
Jan 4 Thu	0.85	"	"	"	---	
Jan 5 Fri	0.76	"	"	"	---	
Jan 6 Sat	0.66	"	"	"	---	
Jan 7 Sun	0.56	"	PB	"	---	
Jan 8 Mon	0.46	"	"	"	---	
Jan 9 Tue	0.36	FAST	MC	FAST Combo	---	
Jan 10 Wed	0.27	"	"	"	---	
Jan 11 Thu	0.19	"	"	"	---	
Jan 12 Fri	0.12	"	PB	"	---	
Jan 13 Sat	0.07	"	"	"	---	
Jan 14 Sun	0.03	"	MC	"	---	
Jan 15 Mon	0.01	"	"	"	---	MLK DAY
Jan 16 Tue	0.00	TRES	"	TRES Combo	---	
Jan 17 Wed	0.01	"	GE	"	---	
Jan 18 Thu	0.04	"	"	"	---	
Jan 19 Fri	0.09	"	"	"	---	
Jan 20 Sat	0.15	"	"	"	---	
Jan 21 Sun	0.23	"	"	"	---	
Jan 22 Mon	0.32	"	PB	"	---	
Jan 23 Tue	0.42	"	"	"	---	
Jan 24 Wed	0.53	"	MC	"	---	
Jan 25 Thu	0.64	"	"	"	---	
Jan 26 Fri	0.75	"	"	"	---	
Jan 27 Sat	0.84	"	PB	"	---	
Jan 28 Sun	0.92	"	"	"	---	
Jan 29 Mon	0.97	"	MC	"	---	
Jan 30 Tue	1.00	"	"	"	---	
Jan 31 Wed	0.99	"	"	"	---	

** MOON IS FRACTIONAL MOON ILLUMINATION AT MIDDLE OF NIGHT
**** DATE IS STANDARD TIME AT START OF NIGHT

JAN **FAST Combo (program & effective nights):** (7 nights)
Brown 178 (HVS/ELM) 2 nights, Falco 220 (ASAS-SN) 0.5 night,
Kenyon 12 (Symbiotic) 0.5 night, Blanchard 225 (SLSNes, TDEs) 1 night,
Kirshner 2 (SN) 3 nights.

NOTE: Projects are listed in order of decreasing priority per their TAC grades. Rare TOO targets (GRBs, XRNs) have highest priority.

TRES Combo for trimester:
Zhou 192 (Confirm planets massive stars) 5 nights, Latham 204 (Self-lensing) 4 nights, Irwin 183 (MEarth follow-up) 3 nights, Latham 12 (Transiting planets) 24 nights, Latham 186 (Spec K2) 12 nights, Quinn 199 (Giant planets) 3 nights, Rodriguez 208 (Tropical Jupiters) 3 nights, Quinn 206 (Hot Jupiters) 2 nights, Douglas 209 (Companions) 5 nights, Winters 198 (Late M Dwarfs) 6 nights, Torres 15 (Eclipsing binaries)

18 nights, Torres 6 (Pleiades binary survey) 5 nights.

60" Schedule for February 2018 (as of 17 Apr 2018)

January February March April Programs PDF Schedules

DATE	MOON	INST	OBSERVER	PI AND PROGRAM	MMT	
Feb 1 Thu	0.95	TRES	GE	TRES Combo	---	
Feb 2 Fri	0.90	"	"	"	---	
Feb 3 Sat	0.82	"	"	"	---	
Feb 4 Sun	0.72	"	"	"	---	
Feb 5 Mon	0.63	"	"	"	---	
Feb 6 Tue	0.53	"	PB	"	---	
Feb 7 Wed	0.43	"	"	"	---	
Feb 8 Thu	0.34	FAST	MC	FAST Combo	---	
Feb 9 Fri	0.25	"	"	"	---	
Feb 10 Sat	0.18	"	"	"	---	
Feb 11 Sun	0.11	"	PB	"	---	
Feb 12 Mon	0.06	"	"	"	---	
Feb 13 Tue	0.02	"	MC	"	---	
Feb 14 Wed	0.00	"	"	"	---	
Feb 15 Thu	0.00	TRES	"	TRES Combo	---	
Feb 16 Fri	0.02	"	PB	"	---	
Feb 17 Sat	0.06	"	"	"	---	
Feb 18 Sun	0.11	"	GE	"	---	
Feb 19 Mon	0.18	"	"	"	MC/HC	PRESIDENT'S DAY
Feb 20 Tue	0.28	"	"	"	"	
Feb 21 Wed	0.38	"	"	"	"	
Feb 22 Thu	0.49	"	"	"	"	
Feb 23 Fri	0.60	"	PB	"	---	
Feb 24 Sat	0.71	"	"	"	---	
Feb 25 Sun	0.81	"	MC	"	---	
Feb 26 Mon	0.90	"	"	"	---	
Feb 27 Tue	0.96	"	"	"	---	
Feb 28 Wed	0.99	"	GE	"	---	

** MOON IS FRACTIONAL MOON ILLUMINATION AT MIDDLE OF NIGHT
**** DATE IS STANDARD TIME AT START OF NIGHT

FEB **FAST Combo (program & effective nights):** (7 nights)
Brown 178 (HVS/ELM) 2 nights, Falco 220 (ASAS-SN) 0.5 night,
Kenyon 12 (Symbiotic) 0.5 night, Blanchard 225 (SLSNes, TDEs) 1 night,
Kirshner 2 (SN) 3 nights.

NOTE: Projects are listed in order of decreasing priority per their TAC grades. Rare TOO targets (GRBs, XRNs) have highest priority.

TRES Combo for trimester:
Zhou 192 (Confirm planets massive stars) 5 nights, Latham 204 (Self-lensing) 4 nights, Irwin 183 (MEarth follow-up) 3 nights, Latham 12 (Transiting planets) 24 nights, Latham 186 (Spec K2) 12 nights, Quinn 199 (Giant planets) 3 nights, Rodriguez 208 (Tropical Jupiters) 3 nights, Quinn 206 (Hot Jupiters) 2 nights, Douglas 209 (Companions) 5 nights, Winters 198 (Late M Dwarfs) 6 nights, Torres 15 (Eclipsing binaries) 18 nights, Torres 6 (Pleiades binary survey) 5 nights.

60" Schedule for March 2018 (as of 17 Apr 2018)

January February March April Programs PDF Schedules

DATE	MOON	INST	OBSERVER	PI AND PROGRAM	MMT
Mar 1 Thu	1.00	TRES	GE	TRES Combo	---
Mar 2 Fri	0.98	"	"	"	---
Mar 3 Sat	0.93	"	PB	"	---
Mar 4 Sun	0.87	"	"	"	---
Mar 5 Mon	0.79	"	MC	"	---
Mar 6 Tue	0.70	"	"	"	---
Mar 7 Wed	0.61	"	"	"	---
Mar 8 Thu	0.51	"	GE	"	---
Mar 9 Fri	0.42	"	"	"	---
Mar 10 Sat	0.33	"	"	"	---
Mar 11 Sun	0.24	"	PB	"	---
Mar 12 Mon	0.17	FAST	"	FAST Combo	---
Mar 13 Tue	0.10	"	Berger	ASTRO100	---
Mar 14 Wed	0.05	"	"	"	---
Mar 15 Thu	0.02	"	"	"	---
Mar 16 Fri	0.00	"	PB	FAST Combo	---
Mar 17 Sat	0.01	"	"	"	---
Mar 18 Sun	0.03	"	Challis	"	MC/HC
Mar 19 Mon	0.08	"	"	"	"
Mar 20 Tue	0.15	"	"	"	"
Mar 21 Wed	0.24	TRES	GE	TRES Combo	MC/MM
Mar 22 Thu	0.34	"	"	"	MC/HC
Mar 23 Fri	0.45	"	"	"	---
Mar 24 Sat	0.57	"	"	"	---
Mar 25 Sun	0.68	"	"	"	---
Mar 26 Mon	0.78	"	MC	"	---
Mar 27 Tue	0.87	"	"	"	---
Mar 28 Wed	0.94	"	"	"	---
Mar 29 Thu	0.98	"	"	"	---
Mar 30 Fri	1.00	"	PB	"	---
Mar 31 Sat	0.99	"	"	"	---

** MOON IS FRACTIONAL MOON ILLUMINATION AT MIDDLE OF NIGHT
**** DATE IS STANDARD TIME AT START OF NIGHT

MAR **FAST Combo (program & effective nights):** (6 nights)
Brown 178 (HVS/ELM) 2 nights, Falco 220 (ASAS-SN) 0.5 night, Kenyon 12 (Symbiotic) 0.5 night, Blanchard 225 (SLSNes, TDEs) 0.5 night, Kirshner 2 (SN) 3 nights.

NOTE: Projects are listed in order of decreasing priority per their TAC grades. Rare TOO targets (GRBs, XRNs) have highest priority.

TRES Combo for trimester:
Zhou 192 (Confirm planets massive stars) 5 nights, Latham 204 (Self-lensing) 4 nights, Irwin 183 (MEarth follow-up) 3 nights, Latham 12 (Transiting planets) 24 nights, Latham 186 (Spec K2) 12 nights, Quinn 199 (Giant planets) 3 nights, Rodriguez 208 (Tropical Jupiters) 3 nights, Quinn 206 (Hot Jupiters) 2 nights, Douglas 209 (Companions) 5 nights, Winters 198 (Late M Dwarfs) 6 nights, Torres 15 (Eclipsing binaries)

18 nights, Torres 6 (Pleiades binary survey) 5 nights.

60" Schedule for April 2018 (as of 17 Apr 2018)

January February March April Programs PDF Schedules

DATE	MOON	INST	OBSERVER	PI AND PROGRAM	MMT
Apr 1 Sun	0.96	TRES	GE	TRES Combo	---
Apr 2 Mon	0.91	"	"	"	---
Apr 3 Tue	0.84	"	"	"	---
Apr 4 Wed	0.77	"	MC	"	---
Apr 5 Thu	0.68	"	"	"	---
Apr 6 Fri	0.59	"	"	"	---
Apr 7 Sat	0.49	"	PB	"	---
Apr 8 Sun	0.40	"	"	"	---
Apr 9 Mon	0.31	"	MC	"	---
Apr 10 Tue	0.23	FAST	"	FAST Combo	---
Apr 11 Wed	0.15	"	"	"	---
Apr 12 Thu	0.09	"	PB	"	---
Apr 13 Fri	0.04	"	"	"	---
Apr 14 Sat	0.01	"	MC	"	---
Apr 15 Sun	0.00	"	"	"	---
Apr 16 Mon	0.02	TRES	"	TRES Combo	---
Apr 17 Tue	0.06	"	PB	"	---
Apr 18 Wed	0.13	"	"	"	---
Apr 19 Thu	0.21	"	"	"	---
Apr 20 Fri	0.31	"	GE	"	---
Apr 21 Sat	0.42	"	"	"	---
Apr 22 Sun	0.54	"	"	"	---
Apr 23 Mon	0.65	"	"	"	---
Apr 24 Tue	0.75	"	"	"	---
Apr 25 Wed	0.84	"	"	"	---
Apr 26 Thu	0.92	"	PB	"	---
Apr 27 Fri	0.96	"	"	"	---
Apr 28 Sat	0.99	"	MC	"	---
Apr 29 Sun	1.00	"	"	"	---
Apr 30 Mon	0.98	"	"	"	---

** MOON IS FRACTIONAL MOON ILLUMINATION AT MIDDLE OF NIGHT
**** DATE IS STANDARD TIME AT START OF NIGHT

APR **FAST Combo (program & effective nights):** (6 nights)
Brown 178 (HVS/ELM) 2 nights, Falco 220 (ASAS-SN) 0.5 night,
Kenyon 12 (Symbiotic) 0.5 night, Blanchard 225 (SLSNes, TDEs) 0.5 night,
Kirshner 2 (SN) 3 nights.

NOTE: Projects are listed in order of decreasing priority per their TAC grades. Rare TOO targets (GRBs, XRNs) have highest priority.

TRES Combo for trimester:
Zhou 192 (Confirm planets massive stars) 5 nights, Latham 204 (Self-lensing) 4 nights, Irwin 183 (MEarth follow-up) 3 nights, Latham 12 (Transiting planets) 24 nights, Latham 186 (Spec K2) 12 nights, Quinn 199 (Giant planets) 3 nights, Rodriguez 208 (Tropical Jupiters) 3 nights, Quinn 206 (Hot Jupiters) 2 nights, Douglas 209 (Companions) 5 nights, Winters 198 (Late M Dwarfs) 6 nights, Torres 15 (Eclipsing binaries)

18 nights, Torres 6 (Pleiades binary survey) 5 nights.

January February March April PDF

60" Allocations January-April 2018

FAST proposals

Warren Brown	HVS/ELM Survey South	8	0	0
Edo Berger	Astro100: Using the FLWO 1.5 m Telescope for Undergraduate Education	3	0	0
Emilio Falco	Spectroscopy of Transients from the All-Sky Automated Survey for SuperNovae: Big Science with Small Telescopes	2	0	0
Scott Kenyon	Optical Spectra of Symbiotic Stars	2	0	0
Peter Blanchard	Spectroscopic and Photometric Follow-up of SLSNe and TDEs	3	0	0
Robert Kirshner	Supernova Spectroscopy with FAST	12	0	0

TRES proposals

George Zhou	Confirming and characterising planets around massive stars	5	0	0
David W. Latham	Self-Lensing Binary Candidates	4	0	0
Jonathan Irwin	MEarth Spectroscopic Follow-up	3	0	0
David W. Latham	Transiting Planet Candidate Follow-Up - 60 inch	6	13	5
David W. Latham	Spectroscopic follow-up of K2 Planet Candidates	0	6	6
Samuel Quinn	Giant Planets in Open Clusters	0	0	3
Joseph Rodriguez	Confirmation and Characterization of Tropical Jupiters to Understand High Eccentricity Migration	0	0	3
Sam Quinn	Hot Jupiters, Formed In Situ	0	0	2
Stephanie T. Douglas	The impact of companions on stellar rotational evolution	0	5	0
Jennifer Winters	Characterizing the Nearby Mid-to-Late M Dwarfs with TRES	0	0	6
Guillermo Torres	Eclipsing binaries	0	0	18
Guillermo Torres	Pleiades binary survey	0	0	5