60" Schedule for May 2016 (as of 01 Jun 2016)

May June July August Programs PDF Schedules

DATE	MOON	INST	OBSERVER	PI AND PROGRAM	MMT	
May 1 Sun	0.27	TRES	GE	TRES Combo	MC/HS	
May 2 Mon	0.17	"	"	"	"	
May 3 Tue	0.09	"	Zhou	"	"	
May 4 Wed	0.04	"	"	"	PB/HS	
May 5 Thu	0.01	"	"	"	"	
May 6 Fri	0.01	FAST	O'Brien	FAST Combo	"	
May 7 Sat	0.03	"	"	"	"	
May 8 Sun	0.09	"	"	"	MC/HS	
May 9 Mon	0.16	"	"	"	"	
May 10 Tue	0.25	"	"	"	MC/HC	
May 11 Wed	0.35	"	"	"	"	
May 12 Thu	0.45	"	"	"	PB/HC	
May 13 Fri	0.55	TRES	GE	TRES Combo	"	
May 14 Sat	0.65	"	"	"	PB/HS	
May 15 Sun	0.74	"	"	"	"	
May 16 Mon	0.82	"	"	"	MC/HS	
May 17 Tue	0.89	"	"	"	"	
May 18 Wed	0.94	"	MC	"	---	
May 19 Thu	0.98	"	PB	"	---	
May 20 Fri	1.00	"	"	"	---	
May 21 Sat	1.00	"	"	"	---	
May 22 Sun	0.98	"	MC	"	---	
May 23 Mon	0.94	"	"	"	---	
May 24 Tue	0.89	"	"	"	---	
May 25 Wed	0.81	"	PB	"	---	
May 26 Thu	0.73	"	"	"	---	
May 27 Fri	0.63	"	"	"	---	
May 28 Sat	0.52	"	GE	"	---	
May 29 Sun	0.41	"	"	"	---	
May 30 Mon	0.30	"	"	"	---	MEMORIAL DAY
May 31 Tue	0.20	FAST	MC	FAST Combo	---	

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

MAY **FAST Combo (program & effective nights):** (10 nights)
Brown 178 (merging WDs) 1.5 nights, Falco 220 (ASAS-SN) 0.5 night, Berger 225 (SLSNes, TDEs) 1 night, Kenyon 219 (Debris) 1 night, Kenyon 12 (Symbiotic) 0.5 night, Elvis 223 (NEOWISE NEAs) 1 night, Falco 141 (2MASS) 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:
Curtis 194 (Kep binarity) 1 night, Zhou 195 (spin-orbit alignment) 1 night, Latham (Giant planets) 3 nights, Latham 186 (Spec K2) 10 nights, Zhou 192 (Confirm planets massive stars) 4 nights, Curtis 196 (Ruprecht 147) 8 nights, Latham 12 (Transiting planets) 15 nights, Torres 8 (Accurate masses evolved) 1 night, Torres 15 (eclipsing binaries) 15 nights,

Dittman 183 (MEarth follow-up) 4 nights, Torres (Confirm runaway) 2 nights.

60" Schedule for June 2016 (as of 01 Jun 2016)

May June July August Programs PDF Schedules

DATE	MOON	INST	OBSERVER	PI AND PROGRAM	MMT
Jun 1 Wed	0.11	FAST	MC	FAST Combo	---
Jun 2 Thu	0.05	"	"	"	---
Jun 3 Fri	0.01	"	PB	"	---
Jun 4 Sat	0.00	"	"	"	---
Jun 5 Sun	0.02	"	"	"	---
Jun 6 Mon	0.06	"	Sliski	"	MC/HM
Jun 7 Tue	0.13	"	"	"	MC/HS
Jun 8 Wed	0.21	"	"	"	"
Jun 9 Thu	0.30	"	"	"	"
Jun 10 Fri	0.39	TRES	GE	TRES Combo	PB/HC
Jun 11 Sat	0.49	"	"	"	"
Jun 12 Sun	0.59	"	"	"	"
Jun 13 Mon	0.68	"	"	"	"
Jun 14 Tue	0.76	"	"	"	MC/MM
Jun 15 Wed	0.84	"	"	"	"
Jun 16 Thu	0.90	"	"	"	"
Jun 17 Fri	0.95	"	"	"	"
Jun 18 Sat	0.98	"	"	"	PB/MM
Jun 19 Sun	1.00	"	"	"	"
Jun 20 Mon	0.99	"	"	"	"
Jun 21 Tue	0.96	"	"	"	"
Jun 22 Wed	0.91	"	"	"	MC/MM
Jun 23 Thu	0.84	"	"	"	"
Jun 24 Fri	0.76	"	"	"	"
Jun 25 Sat	0.66	"	"	"	"
Jun 26 Sun	0.55	"	"	"	PB/MM
Jun 27 Mon	0.43	"	"	"	PB/HS
Jun 28 Tue	0.32	"	"	"	"
Jun 29 Wed	0.22	"	"	"	"
Jun 30 Thu	0.13	"	"	"	MC/HS

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

JUN **FAST Combo (program & effective nights):** (9 nights)
Brown 178 (merging WDs) 1.5 nights, Falco 220 (ASAS-SN) 0.5 night, Berger 225 (SLSNes, TDEs) 1 night, Kenyon 219 (Debris) 1 night, Kenyon 12 (Symbiotic) 0.5 night, Elvis 223 (NEOWISE NEAs) 1 night, Falco 141 (2MASS) 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:
Curtis 194 (Kep binarity) 1 night, Zhou 195 (spin-orbit alignment) 1 night, Latham (Giant planets) 3 nights, Latham 186 (Spec K2) 10 nights, Zhou 192 (Confirm planets massive stars) 4 nights, Curtis 196 (Ruprecht 147) 8 nights, Latham 12 (Transiting planets) 15 nights, Torres 8 (Accurate masses evolved) 1 night, Torres 15 (eclipsing binaries) 15 nights, Dittman 183 (MEarth follow-up) 4 nights, Torres (Confirm runaway) 2

nights.

60" Schedule for July 2016 (as of 01 Jun 2016)

May June July August Programs PDF Schedules

DATE	MOON	INST	OBSERVER	PI AND PROGRAM	MMT	
Jul 1 Fri	0.06	FAST	MC	FAST Combo	---	
Jul 2 Sat	0.02	"	"	"	---	
Jul 3 Sun	0.00	"	"	"	---	
Jul 4 Mon	0.01	"	PB	"	---	INDEPENDENCE DAY
Jul 5 Tue	0.04	"	"	"	---	
Jul 6 Wed	0.09	"	"	"	---	
Jul 7 Thu	0.16	"	MC	"	---	
Jul 8 Fri	0.24	"	"	"	---	
Jul 9 Sat	0.33	"	"	"	---	
Jul 10 Sun	0.42	"	PB	"	---	
Jul 11 Mon	0.52	TRES	"	TRES Combo	---	
Jul 12 Tue	0.61	"	"	"	---	
Jul 13 Wed	0.70	"	GE	"	---	
Jul 14 Thu	0.79	"	"	"	---	
Jul 15 Fri	0.86	"	"	"	---	
Jul 16 Sat	0.92	"	"	"	---	
Jul 17 Sun	0.97	"	"	"	---	
Jul 18 Mon	0.99	"	"	"	---	
Jul 19 Tue	1.00	"	"	"	---	
Jul 20 Wed	0.98	"	PB	"	---	
Jul 21 Thu	0.94	"	"	"	---	
Jul 22 Fri	0.87	"	"	"	---	
Jul 23 Sat	0.78	"	MC	"	---	
Jul 24 Sun	0.68	"	"	"	---	
Jul 25 Mon	0.57	"	"	"	---	
Jul 26 Tue	0.46	"	PB	"	---	
Jul 27 Wed	0.34	"	"	"	---	
Jul 28 Thu	0.24	"	"	"	---	
Jul 29 Fri	0.15	"	MC	"	---	
Jul 30 Sat	0.08	"	"	"	---	
Jul 31 Sun	0.03	"	"	"	---	

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

JUL **FAST Combo (program & effective nights):** (10 nights)
Brown 178 (merging WDs) 1.5 nights, Falco 220 (ASAS-SN) 0.5 night, Berger 225 (SLSNes, TDEs) 1 night, Kenyon 219 (Debris) 1 night, Kenyon 12 (Symbiotic) 0.5 night, Elvis 223 (NEOWISE NEAs) 1 night, Falco 141 (2MASS) 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:
Curtis 194 (Kep binarity) 1 night, Zhou 195 (spin-orbit alignment) 1 night, Latham (Giant planets) 3 nights, Latham 186 (Spec K2) 10 nights, Zhou 192 (Confirm planets massive stars) 4 nights, Curtis 196 (Ruprecht 147) 8 nights, Latham 12 (Transiting planets) 15 nights, Torres 8 (Accurate masses evolved) 1 night, Torres 15 (eclipsing binaries) 15 nights,

Dittman 183 (MEarth follow-up) 4 nights, Torres (Confirm runaway) 2 nights.

60" Schedule for August 2016 (as of 01 Jun 2016)

May June July August Programs PDF Schedules

DATE	MOON	INST	OBSERVER	PI AND PROGRAM	MMT
Aug 1 Mon	0.01	TRES	MC	TRES Combo	---
Aug 2 Tue	0.00	N/A	N/A	SHUTDOWN	
Aug 3 Wed	0.02	"	"	"	
Aug 4 Thu	0.06	"	"	"	
Aug 5 Fri	0.12	"	"	"	
Aug 6 Sat	0.19	"	"	"	
Aug 7 Sun	0.27	"	"	"	
Aug 8 Mon	0.36	"	"	"	
Aug 9 Tue	0.45	"	"	"	
Aug 10 Wed	0.55	"	"	"	
Aug 11 Thu	0.64	"	"	"	
Aug 12 Fri	0.73	"	"	"	
Aug 13 Sat	0.81	"	"	"	
Aug 14 Sun	0.89	"	"	"	
Aug 15 Mon	0.94	"	"	"	
Aug 16 Tue	0.98	"	"	"	
Aug 17 Wed	1.00	"	"	"	
Aug 18 Thu	0.99	"	"	"	
Aug 19 Fri	0.95	"	"	"	
Aug 20 Sat	0.89	"	"	"	
Aug 21 Sun	0.81	"	"	"	
Aug 22 Mon	0.70	"	"	"	
Aug 23 Tue	0.59	"	"	"	
Aug 24 Wed	0.48	"	"	"	
Aug 25 Thu	0.37	"	"	"	
Aug 26 Fri	0.26	"	"	"	
Aug 27 Sat	0.17	"	"	"	
Aug 28 Sun	0.10	"	"	"	
Aug 29 Mon	0.04	"	"	"	
Aug 30 Tue	0.01	"	"	"	
Aug 31 Wed	0.00	"	"	"	

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

May June July August PDF

60" Allocations May–August 2016

FAST proposals
TRES proposals

PI (FAST)	Title	Dark	Gra
Warren Brown	Merging White Dwarfs	4.5	0
Emilio Falco	Spectroscopy of Transients from the All−Sky Automated Survey for SuperNovae: Big Science with Small Telescopes	2	0
Edo Berger	Spectroscopic and Photometric Follow−up of SLSNe and TDEs from PSST	3	0
Scott Kenyon	Debris Disk Candidates from the WISE Disk Detective Program	3	0
Scott Kenyon	Optical Spectra of Symbiotic Stars	1.5	0
Martin Elvis	Albedo, Size and Composition of NEOWISE near−Earth Asteroids	3	0
Emilio Falco	Mapping the nearby Universe at low Galactic latitudes with the 2MASS Redshift Survey	3	0
Robert Kirshner	Supernova Spectroscopy with FAST	8	0

PI (TRES)	Title	Dark	Gra
Jason Curtis	Assessing the binarity of the Kepler asteroseismic sample	0	0
George Zhou	Measuring the spin−orbit alignment of a 110−day period system	0	0
David W. Latham	Giant Planets in Open Clusters	0	0
David W. Latham	Spectroscopic follow−up of K2 Planet Candidates	0	5
George Zhou	Confirming and characterising planets around massive stars	0	0
Jason Curtis	Spectroscopic binary survey of bright stars in Ruprecht 147	0	4
David W. Latham	Transiting Planet Candidate Follow−Up − 60 inch	0	8
Guillermo Torres	Accurate masses for evolved stars	0	0
Guillermo Torres	Eclipsing binaries	0	0
Jason Dittmann	MEarth Spectroscopic Follow−up	0	2
Guillermo Torres	Confirming runaway stars in the binary supernova scenario	0	0