

# 60" Schedule for May 2016 (as of 02 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	"	"	"	----
May 31 Tue	0.20	FAST	MC	FAST Combo	----

MEMORIAL DAY

\*\* 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 02 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	Latham	TRES Combo	PB/HC
Jun 11 Sat	0.49	"	"	"	"
Jun 12 Sun	0.59	"	"	"	"
Jun 13 Mon	0.68	"	"	"	"
Jun 14 Tue	0.76	"	GE	"	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	"	Zhou	"	"
Jun 22 Wed	0.91	"	"	"	MC/MM
Jun 23 Thu	0.84	"	"	"	"
Jun 24 Fri	0.76	"	GE	"	"
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 02 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	"	----
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	"	"	"	----

INDEPENDENCE DAY

\*\* 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 02 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	Gr
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	Gr
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