

60" Schedule for September 2016 (as of 02 Dec 2016)

September October November December Programs PDF Schedules

DATE	MOON	INST	OBSERVER	PI AND PROGRAM	MMT	
Sep 1 Thu	0.01	FAST	MC	FAST Combo	----	
Sep 2 Fri	0.04	"	"	"	----	
Sep 3 Sat	0.08	"	"	"	----	
Sep 4 Sun	0.14	"	PB	"	----	
Sep 5 Mon	0.21	"	"	"	----	LABOR DAY
Sep 6 Tue	0.29	TRES	GE	TRES Combo	----	
Sep 7 Wed	0.38	"	"	"	----	
Sep 8 Thu	0.47	"	"	"	----	
Sep 9 Fri	0.57	"	"	"	----	
Sep 10 Sat	0.67	"	"	"	----	
Sep 11 Sun	0.76	"	MC	"	----	
Sep 12 Mon	0.84	"	"	"	----	
Sep 13 Tue	0.92	"	"	"	----	
Sep 14 Wed	0.97	"	PB	"	----	
Sep 15 Thu	1.00	"	"	"	----	
Sep 16 Fri	1.00	"	"	"	----	
Sep 17 Sat	0.97	"	MC	"	----	
Sep 18 Sun	0.91	"	"	"	----	
Sep 19 Mon	0.83	"	"	"	----	
Sep 20 Tue	0.73	"	GE	"	----	
Sep 21 Wed	0.62	"	"	"	----	
Sep 22 Thu	0.51	"	"	"	----	
Sep 23 Fri	0.40	"	"	"	----	
Sep 24 Sat	0.29	"	"	"	----	
Sep 25 Sun	0.20	"	"	"	----	
Sep 26 Mon	0.13	"	"	"	----	MC/HS
Sep 27 Tue	0.07	FAST	Winters	FAST Combo	"	
Sep 28 Wed	0.03	"	"	"	"	PB/HS
Sep 29 Thu	0.01	"	"	"	"	
Sep 30 Fri	0.00	"	"	"	"	

** MOON IS FRACTIONAL MOON ILLUMINATION AT MIDDLE OF NIGHT

**** DATE IS STANDARD TIME AT START OF NIGHT

SEP FAST Combo (program & effective nights): (9 nights)

Brown 178 (merging WDs) 2 nights, Conroy 226 (Gaia) 0.5 night, McLeod 227 (CLQs) 0.5 night, Berger 225 (SLSNes, TDEs) 1 night, Kenyon 12 (Symbiotic) 0.5 night, Falco 220 (ASAS-SN) 0.5 night, Kenyon 219 (Debris) 1 night, Falco 141 (2MASS) 1 night, Kirshner 2 (SN) 3 nights, Mondrik 228 (M Dwarfs) 0.5 night.

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) 9 nights, Latham (Giant planets) 3 nights, Latham 186 (Spec K2) 8 nights, Winters 198 (late M Dwarfs) 6 nights, Dupree 197 (Disk winds) 3 nights, Irwin 183 (MEarth follow-up) 3 nights, Torres 8 (Accurate masses evolved) 1 night, Latham 12 (Transiting planets) 21 nights, Meibom 196 (Ruprecht 147) 6

nights, Torres 15 (eclipsing binaries) 15 nights, Torres (Confirm runaway) 2 nights, Torres 6 (Pleiades binary survey) 6 nights.

60" Schedule for October 2016 (as of 02 Dec 2016)

September October November December Programs PDF Schedules

DATE	MOON	INST	OBSERVER	PI AND PROGRAM	MMT
Oct 1 Sat	0.02	FAST	Winters	FAST Combo	PB/HS
Oct 2 Sun	0.05	"	"	"	MC/HS
Oct 3 Mon	0.10	"	"	"	"
Oct 4 Tue	0.16	TRES	GE	TRES Combo	"
Oct 5 Wed	0.23	"	"	"	"
Oct 6 Thu	0.31	"	"	"	PB/HS
Oct 7 Fri	0.41	"	"	"	"
Oct 8 Sat	0.50	"	"	"	"
Oct 9 Sun	0.60	"	"	"	"
Oct 10 Mon	0.70	"	"	"	---- COLUMBUS DAY
Oct 11 Tue	0.80	"	"	"	----
Oct 12 Wed	0.88	"	"	"	----
Oct 13 Thu	0.95	"	"	"	----
Oct 14 Fri	0.99	"	MC	"	----
Oct 15 Sat	1.00	"	"	"	----
Oct 16 Sun	0.98	"	"	"	----
Oct 17 Mon	0.93	"	PB	"	----
Oct 18 Tue	0.85	"	"	"	----
Oct 19 Wed	0.76	"	GE	"	----
Oct 20 Thu	0.66	"	"	"	----
Oct 21 Fri	0.55	"	"	"	PB/HC
Oct 22 Sat	0.44	"	"	"	PB/HC/MC
Oct 23 Sun	0.34	"	"	"	PB/HC
Oct 24 Mon	0.25	"	"	"	MC/HC
Oct 25 Tue	0.17	FAST	Falco	FAST Combo	"
Oct 26 Wed	0.10	"	Groner	"	"
Oct 27 Thu	0.05	"	PB	"	----
Oct 28 Fri	0.02	"	"	"	----
Oct 29 Sat	0.00	"	MC	"	----
Oct 30 Sun	0.00	"	"	"	----
Oct 31 Mon	0.02	"	"	"	----

** MOON IS FRACTIONAL MOON ILLUMINATION AT MIDDLE OF NIGHT

**** DATE IS STANDARD TIME AT START OF NIGHT

OCT FAST Combo (program & effective nights): (10 nights)

Brown 178 (merging WDs) 2 nights, Conroy 226 (Gaia) 0.5 night, McLeod 227 (CLQs) 0.5 night, Berger 225 (SLSNes, TDEs) 1 night, Kenyon 12 (Symbiotic) 0.5 night, Falco 220 (ASAS-SN) 0.5 night, Kenyon 219 (Debris) 1 night, Falco 141 (2MASS) 1 night, Kirshner 2 (SN) 3 nights, Mondrik 228 (M Dwarfs) 0.5 night.

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) 9 nights, Latham (Giant planets) 3 nights, Latham 186 (Spec K2) 8 nights, Winters 198 (late M Dwarfs) 6 nights, Dupree 197 (Disk winds) 3 nights, Irwin 183 (MEarth follow-up) 3 nights, Torres 8 (Accurate masses evolved) 1 night,

Latham 12 (Transiting planets) 21 nights, Meibom 196 (Ruprecht 147) 6 nights, Torres 15 (eclipsing binaries) 15 nights, Torres (Confirm runaway) 2 nights, Torres 6 (Pleiades binary survey) 6 nights.

60" Schedule for November 2016 (as of 02 Dec 2016)

September October November December Programs PDF Schedules

DATE	MOON	INST	OBSERVER	PI AND PROGRAM	MMT	
Nov 1 Tue	0.06	FAST	PB	FAST Combo	----	
Nov 2 Wed	0.11	"	"	"	----	
Nov 3 Thu	0.17	TRES	"	TRES Combo	----	
Nov 4 Fri	0.25	"	GE	"	----	
Nov 5 Sat	0.34	"	"	"	----	
Nov 6 Sun	0.44	"	"	"	----	
Nov 7 Mon	0.54	"	"	"	----	
Nov 8 Tue	0.65	"	"	"	----	
Nov 9 Wed	0.75	"	MC	"	PB/MM	
Nov 10 Thu	0.84	"	"	"	----	
Nov 11 Fri	0.92	"	PB	"	MC/MM	VETERANS DAY
Nov 12 Sat	0.97	"	"	"	"	
Nov 13 Sun	1.00	"	"	"	----	
Nov 14 Mon	0.99	"	MC	"	PB/HC	
Nov 15 Tue	0.95	"	GE	"	MC/HC	
Nov 16 Wed	0.89	"	"	"	"	
Nov 17 Thu	0.80	"	"	"	"	
Nov 18 Fri	0.71	"	"	"	"	
Nov 19 Sat	0.60	"	"	"	MC/HS/MC	
Nov 20 Sun	0.50	"	"	"	MC/HS	
Nov 21 Mon	0.40	"	"	"	PB/HS	
Nov 22 Tue	0.30	"	"	"	"	
Nov 23 Wed	0.22	FAST	Vaz	FAST Combo	"	
Nov 24 Thu	0.15	"	"	"	"	THANKSGIVING
Nov 25 Fri	0.09	"	"	"	MC/HS	
Nov 26 Sat	0.04	"	Brown	"	"	
Nov 27 Sun	0.01	"	"	"	"	
Nov 28 Mon	0.00	"	"	"	"	
Nov 29 Tue	0.01	"	"	"	PB/MC	
Nov 30 Wed	0.03	"	PB	"	----	

** MOON IS FRACTIONAL MOON ILLUMINATION AT MIDDLE OF NIGHT

**** DATE IS STANDARD TIME AT START OF NIGHT

NOV FAST Combo (program & effective nights): (10 nights)

Brown 178 (merging WDs) 2 nights, Conroy 226 (Gaia) 0.5 night, McLeod 227 (CLQs) 0.5 night, Berger 225 (SLSNes, TDEs) 1 night, Kenyon 12 (Symbiotic) 0.5 night, Falco 220 (ASAS-SN) 0.5 night, Kenyon 219 (Debris) 1 night, Falco 141 (2MASS) 1 night, Kirshner 2 (SN) 3 nights, Mondrik 228 (M Dwarfs) 0.5 night.

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) 9 nights, Latham (Giant planets) 3 nights, Latham 186 (Spec K2) 8 nights, Winters 198 (late M Dwarfs) 6 nights, Dupree 197 (Disk winds) 3 nights, Irwin 183 (MEarth follow-up) 3 nights, Torres 8 (Accurate masses evolved) 1 night, Latham 12 (Transiting planets) 21 nights, Meibom 196 (Ruprecht 147) 6

nights, Torres 15 (eclipsing binaries) 15 nights, Torres (Confirm runaway) 2 nights, Torres 6 (Pleiades binary survey) 6 nights.

60" Schedule for December 2016 (as of 02 Dec 2016)

[September](#) [October](#) [November](#) [December](#) [Programs](#) [PDF](#) [Schedules](#)

DATE	MOON	INST	OBSERVER	PI AND PROGRAM	MMT
Dec 1 Thu	0.07	FAST	PB	FAST Combo	----
Dec 2 Fri	0.12	"	MC	"	----
Dec 3 Sat	0.20	"	"	"	----
Dec 4 Sun	0.28	"	"	"	----
Dec 5 Mon	0.38	"	PB	"	----
Dec 6 Tue	0.48	TRES	"	TRES Combo	----
Dec 7 Wed	0.59	"	GE	"	----
Dec 8 Thu	0.70	"	"	"	----
Dec 9 Fri	0.80	"	"	"	PB/MM
Dec 10 Sat	0.89	"	"	"	"
Dec 11 Sun	0.95	"	"	"	"
Dec 12 Mon	0.99	"	CLOSED	"	MC/MM
Dec 13 Tue	1.00	"	"	"	"
Dec 14 Wed	0.97	"	MC	"	----
Dec 15 Thu	0.92	"	"	"	----
Dec 16 Fri	0.85	"	GE	"	----
Dec 17 Sat	0.77	"	"	"	----
Dec 18 Sun	0.67	"	"	"	PB/MM
Dec 19 Mon	0.57	"	"	"	"
Dec 20 Tue	0.47	"	"	"	"
Dec 21 Wed	0.38	"	"	"	----
Dec 22 Thu	0.29	"	"	"	----
Dec 23 Fri	0.21	"	"	"	----
Dec 24 Sat	0.14	"	MC	"	----
Dec 25 Sun	0.08	"	"	"	----
Dec 26 Mon	0.04	"	"	"	----
Dec 27 Tue	0.01	FAST	PB	FAST Combo	----
Dec 28 Wed	0.00	"	"	"	----
Dec 29 Thu	0.01	"	"	"	----
Dec 30 Fri	0.04	"	MC	"	----
Dec 31 Sat	0.09	"	"	"	----

** MOON IS FRACTIONAL MOON ILLUMINATION AT MIDDLE OF NIGHT

**** DATE IS STANDARD TIME AT START OF NIGHT

DEC FAST Combo (program & effective nights): (10 nights)

Brown 178 (merging WDs) 2 nights, Conroy 226 (Gaia) 0.5 night,
 Berger 225 (SLSNes, TDEs) 1 night, Kenyon 12
 (Symbiotic) 0.5 night, Falco 220 (ASAS-SN) 0.5 night, Kenyon 219
 (Debris) 1 night, Falco 141 (2MASS) 1 night, Kirshner 2 (SN) 3 nights,
 Mondrik 228 (M Dwarfs) 1 night.

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) 9 nights, Latham (Giant planets) 3 nights, Latham 186 (Spec K2) 8 nights, Winters 198 (late M Dwarfs) 6 nights, Dupree 197 (Disk winds) 3 nights, Irwin 183 (MEarth

follow-up) 3 nights, Torres 8 (Accurate masses evolved) 1 night,
Latham 12 (Transiting planets) 21 nights, Meibom 196 (Ruprecht 147) 6
nights, Torres 15 (eclipsing binaries) 15 nights, Torres (Confirm
runaway) 2 nights, Torres 6 (Pleiades binary survey) 6 nights.

September October November December PDF

60" Allocations September–December 2016

FAST proposals

PI	Title	Dark	Gray	Bright
Warren Brown	Merging White Dwarfs	6.5	0	0
Charlie Conroy	Low Resolution Spectra of Gaia–ESO Benchmark Stars	0.5	0	0
Chelsea MacLeod	Spectroscopic Followup of Bright Changing–Look Quasar Candidates	2	0	0
Edo Berger	Spectroscopic and Photometric Follow–up of SLSNe and TDEs from PSST	3	0	0
Scott Kenyon	Optical Spectra of Symbiotic Stars	2	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	Debris Disk Candidates from the WISE Disk Detective Program	4	0	0
Emilio Falco	Mapping the nearby Universe at low Galactic latitudes with the 2MASS Redshift Survey	4	0	0
Robert Kirshner	Supernova Spectroscopy with FAST	12	0	0
Nicholas P. Mondrik	Flares, Rotation, and Magnetic Activity in Mid–to–Late M Dwarfs	3	0	0

TRES proposals

PI	Title	Dark	Gray	Bright
George Zhou	Confirming and characterising planets around massive stars	5	0	4
David W. Latham	Giant Planets in Open Clusters	1	1	1
David W. Latham	Spectroscopic follow-up of K2 Planet Candidates	2	4	2
Jennifer Winters	Characterizing the Nearby Northern Mid-to-Late M Dwarfs with TRES	0	3	3
Andrea Dupree	Probing Disk Winds Around Young Stars	0	0	3
Jonathan Irwin	MEarth Spectroscopic Follow-up	0	2	1
Guillermo Torres	Accurate masses for evolved stars	0	0	1
David W. Latham	Transiting Planet Candidate Follow-Up – 60 inch	0	13	8
Soren Meibom	Spectroscopic binary survey of bright stars in Ruprecht 147	0	0	6
Guillermo Torres	Eclipsing binaries	0	0	15
Guillermo Torres	Confirming runaway stars in the binary supernova scenario	0	0	2
Guillermo Torres	Pleiades binary survey	0	0	6
