# 60" Schedule for September 2011 (as of 31 Oct 2011)

### September October November December Programs PDF Schedules

DATE	MOON	INST	OBSERVER	PI AND PROGRAM	MMT
Sep 1 Thu	0.23	FAST	PB	FAST Combo	
Sep 2 Fri	0.34	II .	11	TI .	
Sep 3 Sat	0.44	II .	11	TI .	
Sep 4 Sun	0.55	II .	MC	TI .	
Sep 5 Mon	0.66	II .	"	TI .	LABOR DAY
Sep 6 Tue	0.76	TRES	Tang	TRES Combo	MC/HC
Sep 7 Wed	0.84	II .	"	"	11
Sep 8 Thu	0.91	II .	"	"	PB/HC
Sep 9 Fri	0.95	II .	Esquerdo	"	11
Sep 10 Sat	0.99	II .	"	"	11
Sep 11 Sun	1.00	TT .	"	"	"
Sep 12 Mon	0.99	TT .	"	"	MC/HC
Sep 13 Tue	0.97	II .	"	II .	"
Sep 14 Wed	0.92	II .	Stefanik	II .	"
Sep 15 Thu	0.86	II .	"	"	11
Sep 16 Fri	0.79	II .	"	"	PB/HS
Sep 17 Sat	0.71	II .	"	"	11
Sep 18 Sun	0.62	II .	"	II .	"
Sep 19 Mon	0.52	II .	"	II .	"
Sep 20 Tue	0.42	II .	Esquerdo	II .	MC/HS
Sep 21 Wed	0.32	II .	"	II .	"
Sep 22 Thu	0.22	II .	"	II .	"
Sep 23 Fri	0.14	II .	"	II .	"
Sep 24 Sat	0.07	II .	"	II .	PB/HS
Sep 25 Sun	0.02	II .	"	II .	"
Sep 26 Mon	0.00	FAST	Marion	FAST Combo	
Sep 27 Tue	0.01	II .	"	II .	
Sep 28 Wed	0.05	TT .	"	"	
Sep 29 Thu	0.12	TT .	"	"	
Sep 30 Fri	0.20	TRES	MC	TRES Combo	

<sup>\*\*</sup> 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 (low-mass WDs) 1 night, Liu 208 (Binary MBH) 1 night, Kenyon 12 (Symbiotic) 0.5 night, Kirshner 2 (SN) 3 nights, Tang 192 (DASCH variables) 0.5 night, Kirshner 201 (CfA3 galaxies) 1 night, Wright 157 (IPHAS H-alpha) 1 night, Zezas 176 (Be/X bin.) 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:

Latham 13 (Transit follow-up) 20 nights, Latham 123 (Kepler candidates) 24 nights, Berta 145 (MEarth Candidates) 4 nights, Peretz 159 (Planets in WD systems) 4 nights, Latham (Substellar companions) 6 nights, Torres G. 8 (Accurate masses evolved) 2 nights, Torres G. 6 (Pleiades Binary Survey) 7 nights, Torres G. 15 (low-mass eclipsing) 7 nights, Torres G. 5 (Accurate masses selected) 5 nights, Tang 148 (DASCH

with TRES) 3 nights.

# 60" Schedule for October 2011 (as of 31 Oct 2011)

### September October November December Programs PDF Schedules

DATE	MOON	INST	OBSERVER	PI AND PROGRAM	MMT		
Oct 1 Sa	t 0.30	TRES	MC	TRES Combo			
Oct 2 Su	n 0.40	"	"	TT .			
Oct 3 Mo	n 0.51	11	PB	Π			
Oct 4 Tu	e 0.61	11	11	Π			
Oct 5 We	d 0.71	"	11	II .			
Oct 6 Th	u 0.80	"	MC	II .			
Oct 7 Fr	i 0.87	11	11	Π			
Oct 8 Sa	t 0.93	"	11	II .			
Oct 9 Su	n 0.97	"	PB	II .			
Oct 10 Mo	n 0.99	"	11	II .		COLUMBUS	DAY
Oct 11 Tu	e 1.00	11	11	Π			
Oct 12 We	d 0.99	11	Esquerdo	Π			
Oct 13 Th	u 0.96	11	11	Π			
Oct 14 Fr	i 0.91	11	11	Π			
Oct 15 Sa	t 0.84	"	"	TT .			
Oct 16 Su	n 0.77	11	11	Π			
Oct 17 Mo	n 0.68	11	11	Π	PB/HC		
Oct 18 Tu	e 0.58	11	Stefanik	Π	11		
Oct 19 We	d 0.48	11	11	Π	11		
Oct 20 Th	u 0.37	11	11	Π	PB/HS		
Oct 21 Fr	i 0.27	"	"	"	MC/HS		
Oct 22 Sa	t 0.17	"	"	TT .	11		
Oct 23 Su	n 0.09	11	11	Π	11		
Oct 24 Mo	n 0.04	FAST	Brown	FAST Combo	II		
Oct 25 Tu	e 0.01	"	"	"	PB/HS		
Oct 26 We	d 0.00	"	MC	"	II		
Oct 27 Th	u 0.03	"	PB	"			
Oct 28 Fr	i 0.09	"	MC	"			
Oct 29 Sa	t 0.16	"	"	"			
Oct 30 Su	n 0.25	"	"	"			
Oct 31 Mo	n 0.35	11	PB	11			

<sup>\*\*</sup> 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 (low-mass WDs) 1 night, Liu 208 (Binary MBH) 2 nights, Kenyon 12 (Symbiotic) 0.5 night, Kirshner 2 (SN) 3 nights, Tang 192 (DASCH variables) 0.5 night, Kirshner 201 (CfA3 galaxies) 1.5 nights, Wright 157 (IPHAS H-alpha) 1 night, Zezas 176 (Be/X bin.) 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:

Latham 13 (Transit follow-up) 20 nights, Latham 123 (Kepler candidates) 24 nights, Berta 145 (MEarth Candidates) 4 nights, Peretz 159 (Planets in WD systems) 4 nights, Latham (Substellar companions) 6 nights, Torres G. 8 (Accurate masses evolved) 2 nights, Torres G. 6 (Pleiades Binary Survey) 7 nights, Torres G. 15 (low-mass eclipsing) 7

nights, Torres G. 5 (Accurate masses selected) 5 nights, Tang 148 (DASCH with TRES) 3 nights.

# 60" Schedule for November 2011 (as of 31 Oct 2011)

### September October November December Programs PDF Schedules

DATE	MOON	INST	OBSERVER	PI AND PROGRAM	MMT	
Nov 1 Tue	0.45	FAST	PB	FAST Combo		
Nov 2 Wed	0.55	11	TT .	II .		
Nov 3 Thu	0.65	II	MC	п		
Nov 4 Fri	0.74	TRES	TT .	TRES Combo		
Nov 5 Sat	0.82	11	11	п		
Nov 6 Sun	0.89	TT .	PB	II .		
Nov 7 Mon	0.94	TT .	11	II .		
Nov 8 Tue	0.98	11	11	11		
Nov 9 Wed	1.00	11	MC	11		
Nov 10 Thu	1.00	11	11	П		
Nov 11 Fri	0.98	11	**	TT .		VETERANS DAY
Nov 12 Sat	0.94	11	Esquerdo	"		
Nov 13 Sun	0.89	11	"	"		
Nov 14 Mon	0.82	11	"	"		
Nov 15 Tue	0.73	11	"	II .		
Nov 16 Wed	0.64	11	"	II .	PB/HS	
Nov 17 Thu	0.53	11	Latham	II .	11	
Nov 18 Fri	0.42	11	"	II .	11	
Nov 19 Sat	0.31	11	TT .	П	11	
Nov 20 Sun	0.21	11	TT .	П	MC/HS	
Nov 21 Mon	0.12	11	TT .	П	11	
Nov 22 Tue	0.06	11	TT .	П	11	
Nov 23 Wed	0.01	FAST	MC	FAST Combo		
Nov 24 Thu	0.00	"	PB	II		THANKSGIVING
Nov 25 Fri	0.01	"	11	11		
Nov 26 Sat	0.06	"	11	11		
Nov 27 Sun	0.12	"	MC	11		
Nov 28 Mon	0.20	11	11	11		
Nov 29 Tue	0.29	11	11	11		
Nov 30 Wed	0.38	11	PB	II		

<sup>\*\*</sup> MOON IS FRACTIONAL MOON ILLUMINATION AT MIDDLE OF NIGHT
\*\*\* DATE IS STANDARD TIME AT START OF NIGHT

## NOV FAST Combo (program & effective nights): (11 nights)

Brown 178 (low-mass WDs) 1 night, Liu 208 (Binary MBH) 2 nights, Kenyon 12 (Symbiotic) 0.5 night, Kirshner 2 (SN) 3 nights, Tang 192 (DASCH variables) 0.5 night, Kirshner 201 (CfA3 galaxies) 2 nights, Wright 157 (IPHAS H-alpha) 1 night, Zezas 176 (Be/X bin.) 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:

Latham 13 (Transit follow-up) 20 nights, Latham 123 (Kepler candidates) 24 nights, Berta 145 (MEarth Candidates) 4 nights, Peretz 159 (Planets in WD systems) 4 nights, Latham (Substellar companions) 6 nights, Torres G. 8 (Accurate masses evolved) 2 nights, Torres G. 6 (Pleiades Binary Survey) 7 nights, Torres G. 15 (low-mass eclipsing) 7 nights, Torres G. 5 (Accurate masses selected) 5 nights, Tang 148 (DASCH

with TRES) 3 nights.

# 60" Schedule for December 2011 (as of 31 Oct 2011)

### September October November December Programs PDF Schedules

DATE	m1	MOON	INST	OBSERVER	PI AND PROGRAM	MMT	
	Thu	0.48	FAST	PB	FAST Combo		
	Fri	0.58	TRES	"	TRES Combo		
	Sat	0.67	"	MC	"		
	Sun	0.76	"				
	Mon	0.83	"	"	"		
	Tue	0.90	"	Esquerdo	"		
	Wed	0.95	"	"	"		
Dec 8		0.98	"	"	"		
Dec 9		1.00	"	MC	"		
Dec 10		0.99	"	"	"		
Dec 11	Sun	0.97	"	TI .	II .		
Dec 12	Mon	0.93	"	Esquerdo	II .	PB/HC	
Dec 13	Tue	0.86	"	II .	II .	11	
Dec 14	Wed	0.78	"	П	II .	"	
Dec 15	Thu	0.68	"	II .	II .	"	
Dec 16	Fri	0.57	"	II .	II .		
Dec 17	Sat	0.46	"	II .	II .		
Dec 18	Sun	0.35	"	II .	II .		
Dec 19	Mon	0.25	**	TI .	II .		
Dec 20	Tue	0.15	**	MC	II .		
Dec 21	Wed	0.08	FAST	II .	FAST Combo		
Dec 22	Thu	0.03	**	II .	II .		
Dec 23	Fri	0.00	**	PB	II .		
Dec 24	Sat	0.00	**	II .	II .		
Dec 25	Sun	0.03	**	II .	II .		CHRISTMAS DAY
Dec 26	Mon	0.08	**	MC	II .		
Dec 27	Tue	0.14	"	п	II .		
Dec 28	Wed	0.22	"	п	II .		
Dec 29		0.31	II	PB	II .		
Dec 30		0.40	II	11	II .		
Dec 31		0.49	11	II .	п		

<sup>\*\*</sup> MOON IS FRACTIONAL MOON ILLUMINATION AT MIDDLE OF NIGHT \*\*\*\* DATE IS STANDARD TIME AT START OF NIGHT

DEC FAST Combo (program & effective nights): (12 nights)
Brown 178 (low-mass WDs) 2 nights, Liu 208 (Binary MBH) 1 night, Kenyon 12 (Symbiotic) 0.5 night, Kirshner 2 (SN) 3 nights, Tang 192 (DASCH variables) 0.5 night, Kirshner 201 (CfA3 galaxies) 1 night, Wright 157 (IPHAS H-alpha) 1 night, Zezas 176 (Be/X bin.) 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:

Latham 13 (Transit follow-up) 20 nights, Latham 123 (Kepler candidates) 24 nights, Berta 145 (MEarth Candidates) 4 nights, Peretz 159 (Planets in WD systems) 4 nights, Latham (Substellar companions) 6 nights, Torres G. 8 (Accurate masses evolved) 2 nights, Torres G. 6

(Pleiades Binary Survey) 7 nights, Torres G. 15 (low-mass eclipsing) 7 nights, Torres G. 5 (Accurate masses selected) 5 nights, Tang 148 (DASCH with TRES) 3 nights, Furesz (NGC 2264).