

AUGUST 2009 IRTF TELESCOPE SCHEDULE:

01/14/10 v.6.1

HST Date	HST Time	TO	Remote	Prog and PI	Instrument	SA	Comments
Aug. 1 --	18:00 06:00	P,D	X	074 Trilling	SpeX	JTR	
Aug. 2 --	18:00 23:59	P		043 Mauerhan	SpeX	JTR	
	23:59 06:00	P		072 Lystrup	NSFCAM2	JTR	1st Night (NSFCAM2)
Aug. 3 Mo	18:00 23:59	P		043 Mauerhan	SpeX	JTR	
	23:59 06:00	P		072 Lystrup	NSFCAM2	JTR	
Aug. 4 Tu	18:00 23:59	B,P		043 Mauerhan	SpeX	JTR	
	23:59 06:00	B		072 Lystrup	NSFCAM2	JTR	
Aug. 5 We	18:00 23:59	B		043 Mauerhan	SpeX	JTR	
	23:59 06:00	B		072 Lystrup	NSFCAM2	JTR	
Aug. 6 Th	18:00 22:00	B	X	055 Binzel	SpeX	JTR	
	22:00 06:00	B	X	047 Bjorkman	SpeX	JTR	
Aug. 7 Fr	18:00 22:00	D,B	X	055 Binzel	SpeX	JTR	
	22:00 06:00	D,B	X	024 Yang	SpeX	JTR	
Aug. 8 --	18:00 06:00	D		999 Eng. Run	HIPWAC	ATT	
Aug. 9 --	06:00 14:00	E		063 Livengood	HIPWAC	ATT	
	18:00 06:00	D		045 Kostiuik	HIPWAC	ATT	
Aug. 10 Mo	06:00 14:00	E		063 Livengood	HIPWAC	ATT	
	18:00 06:00	P,D		045 Kostiuik	HIPWAC	ATT	
Aug. 11 Tu	06:00 14:00	E		063 Livengood	HIPWAC	ATT	
	18:00 06:00	P		045 Kostiuik	HIPWAC	ATT	
Aug. 12 We	06:00 11:00	E		063 Livengood	HIPWAC	ATT	
	18:00 01:00	P		029 Shara	SpeX	SJB	
Aug. 13 Th	01:00 03:00	P	X	060 Young	SpeX	SJB	
	03:00 06:00	P	X	057 Gallagher	SpeX	JTR	
	18:00 01:00	P		029 Shara	SpeX	SJB	
Aug. 14 Fr	01:00 06:00	P	X	030 Rivkin	SpeX	SJB	
	18:00 01:00	B		029 Shara	SpeX	SJB	
Aug. 15 --	01:00 06:00	B	X	030 Rivkin	SpeX	SJB	
	18:00 01:00	B		029 Shara	SpeX	SJB	
Aug. 16 --	01:00 06:00	B	X	999 Engineering	TBD	JTR	
	18:00 01:00	B		029 Shara	SpeX	SJB	
Aug. 17 Mo	01:00 06:00	B	X	999 Engineering	TBD	JTR	
	18:00 01:00	B		029 Shara	SpeX	SJB	
Aug. 18 Tu	01:00 06:00	B	X	999 Engineering	TBD	JTR	
	18:00 01:00	P		029 Shara	SpeX	SJB	
Aug. 19 We	01:00 06:00	P	X	079 Reipurth	SpeX	JTR	
	18:00 06:00	P		078 Stallard	CSHELL	JTR	
Aug. 20 Th	18:00 06:00	P		078 Stallard	CSHELL	JTR	
Aug. 21 Fr	18:00 06:00	B,P		078 Stallard	CSHELL	JTR	
Aug. 22 --	18:00 23:59	B,P	X	053 Emery	SpeX/NSFCAM2	JTR	
	23:59 06:00	P	X	079 Reipurth	SpeX	JTR	
Aug. 23 --	18:00 22:00	B	X	029 Shara	SpeX	SJB	
	22:00 01:00	B	X	067 Tokunaga	SpeX	JTR	
Aug. 24 Mo	01:00 06:00	B	X	053 Emery	SpeX/NSFCAM2	JTR	
	18:00 23:30	B	X	029 Shara	SpeX	SJB	

AUGUST 2009 IRTF TELESCOPE SCHEDULE:

01/14/10 v.6.1

HST Date	HST Time	TO	Remote	Prog and PI	Instrument	SA	Comments
	23:30 06:00	B	X	022 Orton	MIRSI/NSFCAM2	SJB	
Aug. 25 Tu	18:00 23:30	D,B	X	029 Shara	SpeX	SJB	
	23:30 06:00	D,B	X	022 Orton	MIRSI/NSFCAM2	SJB	
Aug. 26 We	18:00 23:30	D	X	029 Shara	SpeX	SJB	
	23:30 06:00	D	X	022 Orton	MIRSI/NSFCAM2	SJB	
Aug. 27 Th	18:00 23:59	D		051 Kobuna	CSHELL/Apogee	SJB	
	23:59 06:00	D	X	008 Irwin	SpeX	SJB	1st Night
Aug. 28 Fr	18:00 06:00	P,D	X	062 Ziffer	SpeX	JTR	
Aug. 29 --	18:00 06:00	P	X	062 Ziffer	SpeX	JTR	
Aug. 30 --	18:00 23:59	P		051 Kobuna	CSHELL/Apogee	SJB	
	23:59 02:00	P	X	060 Young	SpeX	JTR	
Aug. 31 Mo	02:00 06:00	P	X	079 Reipurth	SpeX	JTR	
	18:00 06:00	B,P	X	074 Trilling	SpeX	JTR	

August 2009

Additional Observers

008 Nicholas Teanby, Glenn Orton, Leigh Fletcher, Gary Davis
 022 Leigh Fletcher, Padma Yanamandra-Fisher
 029 Jacqueline Faherty, David Zurek
 043 Schuyler Van Dyk, Pat Morris, Mark Morris, Angela Cotera, Daniel Wang, Hui Dong, Cornelia Lang
 045 Timothy Livengood, Kelly Fast, Tilak Hewagama, John Annen, David Buhl, Ramsey Smith
 047 John Wisniewski, Erica Hesselbach, Jon Bjorkman
 051 Takeshi Sakanoi, Shoichi Okano, Takehiko Satoh, Takeru Uno, Yasumasa Kasaba, Masato Kagitani, Chihiro Tao, Shoko Otsuki
 053 Driss Takir
 055 Alan Tokunaga, Schelte Bus, Mirel Birlan, Andy Rivkin
 057 Geoffrey Clayton, Jennifer Andrews, Michael Barlow, Margaret Meixner
 060 William Grundy, Eliot Young
 062 Humberto Campins, Yanga Fernandez, Javier Licandro, Thais Mothe-Diniz
 063 Theodor Kostiuk, Franklin P. Mills, Kelly E. Fast, Tilak Hewagama, John N. Annen, David Buhl
 067 Richard Binzel, Schelte Bus, Andy Rivkin, Mirel Birlan
 072 , Fran Bagenal, Steve Miller
 074 Josh Emery, Vishnu Reddy, Michael Mueller, Marco Delbo
 078 Steve Miller, Matt James, Emma Bunce
 079 Michael Connelley

SEPTEMBER 2009 IRTF TELESCOPE SCHEDULE:

01/14/10 v.6.1

HST Date	HST Time	TO	Remote	Prog and PI	Instrument	SA	Comments
Sep. 1 Tu	18:00 06:00	B	X	074 Trilling	SpeX	JTR	
Sep. 2 We	18:00 06:00	B		011 Schlieder	CSHELL	SJB	
Sep. 3 Th	18:00 06:00	D,B		011 Schlieder	CSHELL	SJB	
Sep. 4 Fr	18:00 23:59	D	X	047 Bjorkman	SpeX	SJB	
	23:59 06:00	D	X	079 Reipurth	SpeX	SJB	
Sep. 5 --	18:00 03:00	D	X	051 Kobuna	CSHELL/Apogee	SJB	
Sep. 6 --	03:00 06:00	D	X	079 Reipurth	SpeX	SJB	
	18:00 22:00	D	X	030 Rivkin	SpeX	SJB	
	22:00 23:59	D	X	060 Young	SpeX	SJB	
	23:59 03:00	D	X	103 Howell	SpeX	SJB	
Sep. 7 Mo	03:00 06:00	D	X	079 Reipurth	SpeX	SJB	
	18:00 06:00	P,D	X	049 Campins	SpeX	SJB	
Sep. 8 Tu	18:00 06:00	P	X	049 Campins	SpeX	SJB	
Sep. 9 We	18:00 06:00	P		999 Engineering	TBD	SJB	
Sep. 10 Th	18:00 02:30	D,P		059 Sato	SpeX	SJB	1st Night
Sep. 11 Fr	02:30 06:00	P	X	102 Wooden	SpeX	JTR	
	18:00 02:30	D		059 Sato	SpeX	SJB	
Sep. 12 --	02:30 06:00	D	X	102 Wooden	SpeX	JTR	
	18:00 02:30	D		051 Kobuna	CSHELL/Apogee	SJB	
Sep. 13 --	02:30 06:00	D	X	057 Gallagher	SpeX	JTR	
	18:00 06:00	D	X	105 Reddy	SpeX	SJB	
Sep. 14 Mo	18:00 06:00	E,D		999 Engineering	TBD		
Sep. 15 Tu	18:00 06:00	E,D		999 Engineering	TBD		
Sep. 16 We	18:00 06:00	E		999 Engineering	TBD		
Sep. 17 Th	18:00 06:00	E		999 Engineering	TBD		
Sep. 18 Fr	18:00 06:00	B,E		999 Engineering	TBD		
Sep. 19 --	18:00 06:00	B	X	067 Tokunaga	SpeX	ATT	
Sep. 20 --	18:00 23:59	B	X	103 Howell	SpeX	SJB	
	23:59 06:00	B	X	079 Reipurth	SpeX	SJB	
Sep. 21 Mo	18:00 06:00	D,B	X	090 Noll	SpeX	JTR	1st Night
Sep. 22 Tu	18:00 06:00	D	X	090 Noll	SpeX	JTR	
Sep. 23 We	18:00 06:00	D	X	090 Noll	SpeX	JTR	
Sep. 24 Th	18:00 06:00	E,D	X	053 Emery	SpeX/NSFCAM2	JTR	
Sep. 25 Fr	18:00 06:00	E	X	053 Emery	SpeX/NSFCAM2	JTR	
Sep. 26 --	18:00 23:59	E	X	053 Emery	SpeX/NSFCAM2	JTR	
	23:59 06:00	E	X	039 Allers	SpeX	JTR	
Sep. 27 --	18:00 23:59	B,E	X	053 Emery	SpeX/NSFCAM2	JTR	
	23:59 06:00	E	X	039 Allers	SpeX	JTR	
Sep. 28 Mo	18:00 23:59	B	X	047 Bjorkman	SpeX	SJB	
	23:59 06:00	B	X	039 Allers	SpeX	JTR	
Sep. 29 Tu	18:00 23:59	B		999 Engineering	TBD		
	23:59 06:00	B	X	039 Allers	SpeX	JRT	
Sep. 30 We	18:00 23:59	D,B		999 Engineering	TBD		
	23:59 06:00	B	X	039 Allers	SpeX	JTR	

HST Date HST Time TO Remote Prog and PI

Instrument SA Comments

September 2009

Additional Observers

- 011 Michal Simon, Sebastien Lepine
- 039 Michael Liu
- 047 John Wisniewski, Erica Hesselbach, Jon Bjorkman
- 049 Javier Licandro, Joshua Emery, Andy Rivkin, Julie Ziffer
- 051 Takeshi Sakanoi, Shoichi Okano, Takehiko Satoh, Takeru Uno, Yasumasa Kasaba, Masato Kagitani, Chihiro Tao, Shoko Otsuki
- 053 Driss Takir
- 057 Geoffrey Clayton, Jennifer Andrews, Michael Barlow, Margaret Meixner
- 059 Yasumasa Kasaba, Takehiko Satoh, Yukihiro Takahashi, Noritaka Tokimasa
- 060 William Grundy, Eliot Young
- 067 Richard Binzel, Schelte Bus, Andy Rivkin, Mirel Birlan
- 074 Josh Emery, Vishnu Reddy, Michael Mueller, Marco Delbo
- 079 Michael Connelley
- 090 Susan Benecchi, Will Grundy
- 102 Mike Kelley, Eliot Young, Chick Woodward, David Harker, Paul Lucey, David Goldstein, Tony Colaprete, Jen Heldmann, Seiji Sugita
- 103 Ron Vervack, Yan Fernandez, Michael Mueller
- 105 Josh Emery, Mike Gaffey

OCTOBER 2009 IRTF TELESCOPE SCHEDULE:

01/14/10 v.6.1

HST Date	HST Time	TO	Remote	Prog and PI	Instrument	SA	Comments
Oct. 1 Th	18:00	23:59	D	999 Engineering	TBD		
	23:59	06:00	D	X 039 Allers	SpeX	JTR	
Oct. 2 Fr	18:00	22:00	D	X 074 Trilling	SpeX	JTR	
	22:00	02:00	D	X 024 Yang	SpeX	JTR	
Oct. 3 --	02:00	06:00	D	X 074 Trilling	SpeX	JTR	
	18:00	06:00	P,D	073 Malo	CSHELL	JTR	1st Night
Oct. 4 --	18:00	06:00	P	073 Malo	CSHELL	JTR	
Oct. 5 Mo	18:00	06:00	P	064 Dinerstein	SpeX	JTR	1st Night
Oct. 6 Tu	18:00	06:00	B,P	064 Dinerstein	SpeX	JTR	
Oct. 7 We	18:00	21:00	B	999 Engineering	TBD		
	21:00	03:00	B	X 102 Wooden	SpeX	JTR	
Oct. 8 Th	03:00	06:00	B	X 086 Flaherty	SpeX	JTR	
	18:00	21:00	B	999 Engineering	TBD		
	21:00	03:00	B	X 102 Wooden	SpeX	JTR	(050 Gulbis - TBD)
	03:00	06:00	B	X 086 Flaherty	SpeX	JTR	
Oct. 9 Fr	18:00	06:00	D,B	026 Greathouse	TEXES	ATT	
	03:00	06:00	D	026 Greathouse	TEXES	ATT	
Oct. 10 --	18:00	03:00	D	026 Greathouse	TEXES	ATT	
Oct. 11 --	18:00	03:00	D	026 Greathouse	TEXES	ATT	
Oct. 12 Mo	03:00	06:00	D	007 Encrenaz	TEXES	ATT	
	18:00	06:00	P,D	007 Encrenaz	TEXES	ATT	
Oct. 13 Tu	18:00	23:59	P	085 Richter	TEXES	ATT	
	23:59	06:00	P	104 Trafton	TEXES	ATT	
Oct. 14 We	18:00	06:00	P	104 Trafton	TEXES	ATT	
Oct. 15 Th	18:00	06:00	B,P	027 Orton	TEXES	ATT	
Oct. 16 Fr	18:00	06:00	B	027 Orton	TEXES	ATT	
Oct. 17 --	18:00	20:00	B	X 074 Trilling	SpeX	JTR	
	20:00	23:59	B	X 024 Yang	SpeX	JTR	
	23:59	06:00	B	X 074 Trilling	SpeX	JTR	
Oct. 18 --	18:00	22:00	D,B	999 Engineering	TBD		
	22:00	02:00	D,B	X 035 Reddy	SpeX	SJB	
Oct. 19 Mo	02:00	06:00	B	X 057 Gallagher	SpeX	JTR	
	18:00	06:00	D	X 105 Reddy	SpeX	SJB	
Oct. 20 Tu	18:00	06:00	D	999 Engineering	TBD		
Oct. 21 We	18:00	06:00	P,D	999 Engineering	TBD		
Oct. 22 Th	18:00	06:00	P	999 Engineering	TBD		
Oct. 23 Fr	18:00	06:00	E,P	999 Engineering	TBD		
Oct. 24 --	18:00	06:00	E	X 067 Tokunaga	SpeX	JTR	
Oct. 25 --	18:00	06:00	E	044 Oi	SpeX	ATT	
Oct. 26 Mo	18:00	06:00	E	044 Oi	SpeX	JTR	
Oct. 27 Tu	18:00	06:00	D,E	044 Oi	SpeX	JTR	
Oct. 28 We	18:00	06:00	D	X 033 Liu	SpeX	JTR	
Oct. 29 Th	18:00	06:00	D	X 033 Liu	SpeX	JTR	
Oct. 30 Fr	18:00	06:00	P,D	X 033 Liu	SpeX	JTR	
Oct. 31 --	18:00	20:00	P	X 074 Trilling	SpeX	JTR	
	20:00	04:00	P	X 086 Flaherty	SpeX	SJB	

HST Date HST Time TO Remote Prog and PI**Instrument SA Comments**

October 2009

Additional Observers

007 Thomas Greathouse, Matthew Richter, John Lacy, Bruno Bezard, Thierry Fouchet, Franck Lefevre
026 Julianne Moses, Matthew Richter, John Lacy
027 Leigh Fletcher, Thomas Greathouse
033 Katelyn Allers, Michael Cushing, Niall Deacon
035 Andreas Nathues, Mike Gaffey
039 Michael Liu
044 Masatoshi Imanishi
057 Geoffrey Clayton, Jennifer Andrews, Michael Barlow, Margaret Meixner
064 Tom Geballe
067 Richard Binzel, Schelte Bus, Andy Rivkin, Mirel Birlan
073 Rene Doyon, Etienne Artigau, David Lafreniere
074 Josh Emery, Vishnu Reddy, Michael Mueller, Marco Delbo
085 Hans Zinnecker, Serge Correia
086 James Muzerolle
102 Mike Kelley, Eliot Young, Chick Woodward, David Harker, Paul Lucey, David Goldstein, Tony Colaprete, Jen Heldmann, Seiji Sugita
104 John Lacy, Thomas Greathouse
105 Josh Emery, Mike Gaffey

NOVEMBER 2009 IRTF TELESCOPE SCHEDULE:

01/14/10 v.6.1

HST Date	HST Time	TO	Remote	Prog and PI	Instrument	SA	Comments
Nov. 1 --	04:00 06:00	P	X	074 Trilling	SpeX	JTR	
	18:00 06:00	P	X	089 Trilling	MIRSI	SJB	
Nov. 2 Mo	18:00 06:00	B,P	X	997 Jackson	MIRSI	SJB	
Nov. 3 Tu	18:00 06:00	B	X	997 Jackson	MIRSI	SJB	
Nov. 4 We	18:00 23:59	B	X	103 Howell	SpeX	SJB	
	23:59 05:40	B	X	086 Flaherty	SpeX	SJB	
Nov. 5 Th	05:40 06:00	B	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 01:00	D,B	X	103 Howell	SpeX	SJB	
Nov. 6 Fr	01:00 10:00	E	X	037 Villanueva	CSHELL	SJB	Runs concurrently w/065
	01:00 10:00	B,E	X	065 Tokunaga	CSHELL	ATT	Runs concurrently w/037
	18:00 01:00	D	X	009 Burgasser	SpeX	JTR	
Nov. 7 --	01:00 10:00	D,E	X	037 Villanueva	CSHELL	SJB	Runs concurrently w/065
	01:00 10:00	D,E	X	065 Tokunaga	CSHELL	ATT	Runs concurrently w/037
	18:00 01:00	D	X	009 Burgasser	SpeX	JTR	
Nov. 8 --	01:00 06:00	D	X	086 Flaherty	SpeX	SJB	
	18:00 05:40	P,D	X	028 Mothe-Diniz	SpeX	JTR	
Nov. 9 Mo	05:40 06:00	D	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 23:00	P		999 Engineering	TBD		
	23:00 01:00	P	X	057 Gallagher	SpeX	JTR	
Nov. 10 Tu	01:00 06:00	P	X	031 Novak	CSHELL	JTR	
	18:00 06:00	P	X	068 White	CSHELL	JTR	
Nov. 11 We	18:00 23:59	B,P	X	068 White	CSHELL	JTR	
	23:59 05:40	P	X	086 Flaherty	SpeX	JTR	
Nov. 12 Th	05:40 06:00	P	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 23:59	B	X	068 White	CSHELL	JTR	
	23:59 06:00	B	X	081 Crockett	CSHELL	SJB	
Nov. 13 Fr	18:00 06:00	E,B	X	068 White	CSHELL	JTR	
Nov. 14 --	18:00 23:59	E	X	068 White	CSHELL	JTR	
	23:59 06:00	E	X	081 Crockett	CSHELL	SJB	
Nov. 15 --	18:00 06:00	E	X	068 White	CSHELL	JTR	
Nov. 16 Mo	18:00 23:59	E	X	068 White	CSHELL	JTR	
	23:00 06:00	E	X	081 Crockett	CSHELL	SJB	
Nov. 17 Tu	18:00 23:59	P,E	X	105 Reddy	SpeX	SJB	
	23:59 03:00	E	X	103 Howell	SpeX	SJB	
Nov. 18 We	03:00 06:00	E	X	055 Binzel	SpeX	SJB	
	18:00 06:00	P	X	068 White	CSHELL	JTR	
Nov. 19 Th	18:00 23:59	P		999 Engineering	TBD		
	23:59 06:00	P	X	081 Crockett	CSHELL	SJB	
Nov. 20 Fr	18:00 06:00	B, P	X	076 Mathews	CSHELL	JTR	
Nov. 21 --	18:00 23:59	B	X	047 Bjorkman	SpeX	JTR	
	23:59 06:00	B	X	081 Crockett	CSHELL	SJB	
Nov. 22 --	18:00 01:00	B	X	034 Pitts	SpeX	JTR	
Nov. 23 Mo	01:00 10:00	B,E	X	037 Villanueva	CSHELL	SJB	Runs Concurrently w/65
	01:00 10:00	B,E	X	065 Tokunaga	CSHELL	ATT	Runs Concurrently w/37
	18:00 23:59	D,B	X	034 Pitts	SpeX	JTR	

NOVEMBER 2009 IRTF TELESCOPE SCHEDULE:

01/14/10 v.6.1

HST Date	HST Time	TO	Remote	Prog and PI	Instrument	SA	Comments
	23:59 06:00	D,B	X	081 Crockett	CSHELL	SJB	
Nov. 24 Tu	18:00 01:00	D	X	034 Pitts	SpeX	JTR	
Nov. 25 We	01:00 10:00	D,E	X	037 Villanueva	CSHELL	SJB	Runs Concurrently w/65
	01:00 10:00	D,E	X	065 Tokunaga	CSHELL	ATT	Runs Concurrently w/37
	18:00 23:59	D	X	034 Pitts	SpeX	JTR	
Nov. 26 Th	23:59 06:00	D	X	081 Crockett	CSHELL	SJB	
	18:00 05:40	P,D	X	076 Mathews	CSHELL	JTR	
Nov. 27 Fr	05:40 06:00	D	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 21:00	P		038 Hanna	BASS	SJB	
	21:00 06:00	P	X	052 DeMeo	SpeX	SJB	
Nov. 28 --	18:00 23:59	P		038 Hanna	BASS	SJB	
	23:59 05:40	P		003 Sitko	SpeX/BASS	SJB	
Nov. 29 --	05:40 06:00	P	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 23:59	B,P		038 Hanna	BASS	SJB	
	23:59 05:40	P		003 Sitko	SpeX/BASS	SJB	
Nov. 30 Mo	05:40 06:00	P	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 23:59	B		038 Hanna	BASS	SJB	
	23:59 05:40	B		003 Sitko	SpeX/BASS	SJB	

November 2009

Additional Observers

003 Rafael Millan-Gabet, David Lynch, Ray Russell, John Monnier, Brandon Kaneshiro, Carol Grady, Fabien Malbet, Heidi Hammel, Brad Perry, Suellen Brafford
009 Kelle Cruz, Dagny Looper, Jacqueline Faherty, Chris Gelino, J. Davy Kirkpatrick, Kevin Luhman, Michael Cushing, Andrew West
012 Henry Roe, Michael Brown
028 Jorge Carvano, Daniela Lazzaro, Isabella Sagdora
031 Michael Mumma, Geronimo Villanueva, Boncho Bonev
034 Eugene Magnier
037 Michael Mumma, Robert Novak, Alan Tokunaka, Alain Khayat
038 Michael Wyatt, Ray Russell, David Lynch
047 John Wisniewski, Erica Hesselbach, Jon Bjorkman
052 Richard Binzel, Mirel Birlan, Benoit Carry, Pascal Descamps
055 Alan Tokunaga, Schelte Bus, Mirel Birlan, Andy Rivkin
057 Geoffrey Clayton, Jennifer Andrews, Michael Barlow, Margaret Meixner
065 Geronimo Villanueva, Michael Mumma, Robert Novak, Alain Khayat
068 John Bailey, Cassy Davison, Chris Johns-Krull
074 Josh Emery, Vishnu Reddy, Michael Mueller, Marco Delbo
076 Jonathan Williams, Suzanne Ramsay, Bill Dent
081 Naved Mahmud, Lisa Prato, Christopher Johns-Krull
086 James Muzerolle
089 Michael Mueller, Marco Delbo, Joseph Hora, Joshua Emery, Alan Harris, Kevin Walsh
103 Ron Vervack, Yan Fernandez, Michael Mueller
105 Josh Emery, Mike Gaffey

DECEMBER 2009 IRTF TELESCOPE SCHEDULE:

01/14/10 v.6.1

HST Date	HST Time	TO	Remote	Prog and PI	Instrument	SA	Comments		
Dec. 1 Tu	05:40	06:00	B	X	012 Schaller	SpeX	JTR	Service Obs	
	18:00	23:59	B		038 Hanna	BASS	ATT		
	23:59	04:00	B		003 Sitko	SpeX/BASS	JTR		
Dec. 2 We	04:00	06:00	B	X	057 Gallagher	SpeX	JTR		
	18:00	23:59	D,B		038 Hanna	BASS	ATT		
	23:59	05:40	B	X	999 Engineering	TBD	JTR		
Dec. 3 Th	05:40	06:00	B	X	012 Schaller	SpeX	JTR	Service Obs	
	18:00	23:59	D	X	047 Bjorkman	SpeX	SJB		
	23:59	06:00	D	X	004 Krasnopolsky	CSHELL	JTR		
Dec. 4 Fr	18:00	03:00	D	X	096 Fischer	SpeX	SJB		
Dec. 5 --	03:00	06:00	D	X	035 Reddy	SpeX	SJB		
	18:00	03:00	P,D	X	096 Fischer	SpeX	SJB		
Dec. 6 --	03:00	06:00	D	X	035 Reddy	SpeX	SJB		
	18:00	23:59	P	X	009 Burgasser	SpeX	JTR		
	23:59	06:00	P	X	004 Krasnopolsky	CSHELL	JTR		
Dec. 7 Mo	18:00	06:00	P		015 Fast	HIPWAC	ATT		
Dec. 8 Tu	18:00	06:00	B,P		015 Fast	HIPWAC	ATT		
Dec. 9 We	18:00	06:00	B		015 Fast	HIPWAC	ATT		
Dec. 10 Th	18:00	06:00	B		015 Fast	HIPWAC	ATT		
Dec. 11 Fr	18:00	23:59	D,B	X	066 Bender	CSHELL	SJB		
	23:59	09:00	E	X	037 Villanueva	CSHELL	SJB		Runs Concurrently w/65
	23:59	09:00	E	X	065 Tokunaga	CSHELL	ATT		Runs Concurrently w/37
Dec. 12 --	18:00	23:59	D	X	066 Bender	CSHELL	SJB		
	23:59	09:00	E	X	037 Villanueva	CSHELL	SJB		Runs Concurrently w/65
	23:59	09:00	E	X	065 Tokunaga	CSHELL	ATT		Runs Concurrently w/37
Dec. 13 --	18:00	23:59	D	X	066 Bender	CSHELL	SJB		
	23:59	09:00	E	X	037 Villanueva	CSHELL	SJB		Runs Concurrently w/65
	23:59	09:00	E	X	065 Tokunaga	CSHELL	ATT		Runs Concurrently w/37
Dec. 14 Mo	18:00	23:59	D	X	066 Bender	CSHELL	SJB		
	23:59	09:00	E	X	037 Villanueva	CSHELL	SJB		Runs Concurrently w/65
	23:59	09:00	E	X	065 Tokunaga	CSHELL	ATT		Runs Concurrently w/37
Dec. 15 Tu	18:00	06:00	D		999 Engineering	TBD			
Dec. 16 We	18:00	06:00	P		999 Engineering	TBD			
Dec. 17 Th	18:00	06:00	P		999 Engineering	TBD			
Dec. 18 Fr	18:00	06:00	P		999 Engineering	TBD			
Dec. 19 --	18:00	03:40	P	X	095 Espaillat	SpeX	JTR		
Dec. 20 --	03:40	04:00	P	X	012 Schaller	SpeX	JTR	Service Obs	
	04:00	11:00	E	X	020 Orton	MIRSI	SJB	Runs Concurrently w/21	
	04:00	11:00	E	X	021 Orton	NSFCAM2	SJB	Runs Concurrently w/20	
	18:00	03:40	B	X	095 Espaillat	SpeX	JTR		
Dec. 21 Mo	03:40	04:00	B	X	012 Schaller	SpeX	JTR	Service Obs	
	04:00	11:00	E	X	020 Orton	MIRSI	SJB	Runs Concurrently w/21	
	04:00	11:00	E	X	021 Orton	NSFCAM2	SJB	Runs Concurrently w/20	
	18:00	03:40	B	X	095 Espaillat	SpeX	JTR		
Dec. 22 Tu	03:40	04:00	B	X	012 Schaller	SpeX	JTR	Service Obs	

DECEMBER 2009 IRTF TELESCOPE SCHEDULE:

01/14/10 v.6.1

HST Date	HST Time	TO	Remote	Prog and PI	Instrument	SA	Comments
	04:00 11:00	E	X	020 Orton	MIRSI	SJB	Runs Concurrently w/21
	04:00 11:00	E	X	021 Orton	NSFCAM2	SJB	Runs Concurrently w/20
	18:00 05:40	B		083 Lacy	SpeX	JTR	
Dec. 23 We	05:40 06:00	B	X	012 Schaller	SpeX	JTR	Service Obs
	06:00 11:00	E	X	020 Orton	MIRSI	SJB	Runs Concurrently w/21
	06:00 11:00	E	X	021 Orton	NSFCAM2	SJB	Runs Concurrently w/20
	18:00 05:40	B		083 Lacy	SpeX	JTR	
Dec. 24 Th	05:40 06:00	B	X	012 Schaller	SpeX	JTR	Service Obs
	06:00 11:00	E	X	020 Orton	MIRSI	SJB	Runs Concurrently w/21
	06:00 11:00	E	X	021 Orton	NSFCAM2	SJB	Runs Concurrently w/20
Dec. 26 --	18:00 02:30	P	X	096 Fischer	SpeX	JTR	
Dec. 27 --	02:30 06:00	P	X	036 Looper	SpeX	JTR	
	18:00 23:59	P		048 Crossfield	SpeX	SJB	1st Night
	23:59 05:40	P	X	036 Looper	SpeX	JTR	
Dec. 28 Mo	05:40 06:00	P	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 02:30	B,P	X	096 Fischer	SpeX	JTR	
Dec. 29 Tu	02:30 06:00	P	X	036 Looper	SpeX	JTR	
	18:00 23:59	B	X	096 Fischer	SpeX	JTR	
	23:59 06:00	B		048 Crossfield	SpeX	SJB	
Dec. 30 We	18:00 02:30	B	X	096 Fischer	SpeX	JTR	
Dec. 31 Th	02:30 06:00	B	X	036 Looper	SpeX	JTR	

December 2009

Additional Observers

- 003 Rafael Millan-Gabet, David Lynch, Ray Russell, John Monnier, Brandon Kaneshiro, Carol Grady, Fabien Malbet, Heidi Hammel, Brad Perry, Suellen Brafford
- 009 Kelle Cruz, Dagny Looper, Jacqueline Faherty, Chris Gelino, J. Davy Kirkpatrick, Kevin Luhman, Michael Cushing, Andrew West
- 012 Henry Roe, Michael Brown
- 015 Theodor Kostiuik, Timothy Livengood, Tilak Hewagama, John Annen, Franck Lefevre, Michael Wolff, Ramsey Smith, David Buhl
- 020 Leigh Fletcher, Padma Yanamandra-Fisher
- 021 Padma Yanamandra-Fisher, Leigh Fletcher
- 035 Andreas Nathues, Mike Gaffey
- 036 John Rayner, Adam Burgasser, J. Davy Kirkpatrick, Eric Mamajek
- 037 Michael Mumma, Robert Novak, Alan Tokunaka, Alain Khayat
- 038 Michael Wyatt, Ray Russell, David Lynch
- 047 John Wisniewski, Erica Hesselbach, Jon Bjorkman
- 048 Brad Hansen, Travis Barman
- 057 Geoffrey Clayton, Jennifer Andrews, Michael Barlow, Margaret Meixner
- 065 Geronimo Villanueva, Michael Mumma, Robert Novak, Alain Khayat
- 066 Gail Schaefer, Michal Simon
- 083 Andreea Petric, Tanya Urrutia, Susan Ridgway, Anna Sajina
- 095 Nuria Calvet, Kevin Luhman, James Muzerolle
- 096 Thomas Megeath, Charles Poteet, James Muzerolle, Nuria Calvet, Laura Ingleby, Dan Watson, Kyoung Hee Kim

JANUARY 2010 IRTF TELESCOPE SCHEDULE:

01/14/10 v.6.1

HST Date	HST Time	TO	Remote	Prog and PI	Instrument	SA	Comments
Jan. 1 Fr	18:00 01:00	D	X	076 Mathews	CSHELL	JTR	
Jan. 2 --	01:00 05:40	D	X	036 Looper	SpeX	JTR	
	05:40 06:00	D	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 01:00	D	X	076 Mathews	CSHELL	JTR	
Jan. 3 --	01:00 05:40	D	X	036 Looper	SpeX	JTR	
	05:40 06:00	D	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 01:00	P,D	X	018 Luhman	SpeX	JTR	
Jan. 4 Mo	01:00 05:40	D	X	083 Lacy	SpeX	JTR	
	05:40 06:00	D	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 01:00	P	X	018 Luhman	SpeX	JTR	
Jan. 5 Tu	01:00 05:40	P	X	083 Lacy	SpeX	JTR	
	05:40 06:00	P	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 20:00	P	X	074 Trilling	SpeX	JTR	
	20:00 04:00	P	X	086 Flaherty	SpeX	JTR	
Jan. 6 We	04:00 06:00	P	X	074 Trilling	SpeX	JTR	
	18:00 06:00	B,P	X	080 Lim	MIRSI	SJB	
Jan. 7 Th	18:00 06:00	B	X	080 Lim	MIRSI	SJB	
Jan. 8 Fr	18:00 01:00	B	X	076 Mathews	CSHELL	JTR	
Jan. 9 --	01:00 09:00	B,E	X	020 Orton	MIRSI	SJB	Runs Concurrently w/21
	01:00 09:00	B,E	X	021 Orton	NSFCAM2	SJB	Runs Concurrently w/20
	18:00 01:00	B	X	076 Mathews	CSHELL	JTR	
Jan. 10 --	01:00 09:00	B,E	X	020 Orton	MIRSI	SJB	Runs Concurrently w/21
	01:00 09:00	B,E	X	021 Orton	NSFCAM2	SJB	Runs Concurrently w/20
	18:00 06:00	D,B		017 Jones	NSFCAM2	SJB	
Jan. 11 Mo	18:00 06:00	D		017 Jones	NSFCAM2	SJB	
Jan. 12 Tu	18:00 06:00	D		017 Jones	NSFCAM2	SJB	
Jan. 13 We	18:00 23:59	P,D		079 Reipurth	SpeX	SJB	
	23:59 06:00	D		999 Engineering	TBD		
Jan. 14 Th	18:00 06:00	P		011 Schlieder	CSHELL	SJB	
Jan. 15 Fr	18:00 06:00	P		011 Schlieder	CSHELL	SJB	
Jan. 16 --	18:00 23:59	E,P	X	010 Luhman	SpeX	JTR	
	23:59 05:40	P	X	067 Tokunaga	SpeX	JTR	
Jan. 17 --	05:40 06:00	P	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 03:00	E	X	040 Megeath	NSFCAM2	SJB	1st Night (NSFCAM2)
Jan. 18 Mo	03:00 05:40	E	X	057 Gallagher	SpeX	JTR	
	05:40 06:00	E	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 03:00	D,E	X	040 Megeath	NSFCAM2	SJB	
Jan. 19 Tu	03:00 05:40	E	X	057 Gallagher	SpeX	JTR	
	05:40 06:00	E	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 03:00	D,E	X	040 Megeath	NSFCAM2	SJB	
Jan. 20 We	03:00 05:40	E	X	057 Gallagher	SpeX	JTR	
	05:40 06:00	E	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 05:40	D	X	053 Emery	SpeX/NSFCAM2	SJB	
Jan. 21 Th	05:40 06:00	D	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 05:40	P,D	X	053 Emery	SpeX/NSFCAM2	SJB	

JANUARY 2010 IRTF TELESCOPE SCHEDULE:

01/14/10 v.6.1

HST Date	HST Time	TO	Remote	Prog and PI	Instrument	SA	Comments
Jan. 22 Fr	05:40 06:00	D	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 00:30	P	X	091 McClure	SpeX	JTR	
Jan. 23 --	00:30 05:40	P	X	036 Looper	SpeX	JTR	
	05:40 06:00	P	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 00:30	P	X	091 McClure	SpeX	JTR	
Jan. 24 --	00:30 05:40	P	X	036 Looper	SpeX	JTR	
	05:40 06:00	P	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 00:30	B,P	X	091 McClure	SpeX	JTR	
Jan. 25 Mo	00:30 05:40	P	X	036 Looper	SpeX	JTR	
	05:40 06:00	P	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 00:30	B,P	X	091 McClure	SpeX	JTR	
Jan. 26 Tu	00:30 05:40	P	X	036 Looper	SpeX	JTR	
	05:40 06:00	P	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 00:30	B	X	091 McClure	SpeX	JTR	
Jan. 27 We	00:30 05:40	B	X	036 Looper	SpeX	JTR	
	05:40 06:00	B	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 00:30	B	X	091 McClure	SpeX	JTR	
Jan. 28 Th	00:30 05:40	B	X	036 Looper	SpeX	JTR	
	05:40 06:00	B	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 05:40	D,B	X	069 Sheppard	SpeX	JTR	
Jan. 29 Fr	05:40 06:00	B	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 06:00	D	X	069 Sheppard	SpeX	JTR	
Jan. 30 --	18:00 05:40	D	X	077 Ore	SpeX	SJB	
Jan. 31 --	05:40 06:00	D	X	012 Schaller	SpeX	JTR	Service Obs
	18:00 22:00	P,D	X	088 Mann	SpeX	JTR	1st Night
	22:00 05:40	P,D	X	074 Trilling	SpeX	JTR	

January 2010

Additional Observers

- 011 Michal Simon, Sebastien Lepine
- 012 Henry Roe, Michael Brown
- 017 Megan Krejny
- 018 Nuria Calvet
- 020 Leigh Fletcher, Padma Yanamandra-Fisher
- 021 Padma Yanamandra-Fisher, Leigh Fletcher
- 036 John Rayner, Adam Burgasser, J. Davy Kirkpatrick, Eric Mamajek
- 040 Charles Poteet, Will Fischer, Marina Koukel, Lori Allen, Erin Allgaier, Dan Watson, John Tobin, Nuria Calvet, Lee Hartman
- 053 Driss Takir
- 057 Geoffrey Clayton, Jennifer Andrews, Michael Barlow, Margaret Meixner
- 067 Richard Binzel, Schelte Bus, Andy Rivkin, Mirel Birlan
- 069 Mike Cushing
- 074 Josh Emery, Vishnu Reddy, Michael Mueller, Marco Delbo
- 076 Jonathan Williams, Suzanne Ramsay, Bill Dent
- 077 Joshua Emery, David Trilling, Noemi Pinilla-Alonso
- 079 Michael Connelley
- 080 Joshua Emery, Andrew Rivkin
- 083 Andreea Petric, Tanya Urrutia, Susan Ridgway, Anna Sajina
- 086 James Muzerolle
- 088 Jonathan Williams, Tracy Beck
- 091 Nuria Calvet, Catherine Espaillat, Kevin Luhman

HST Date	HST Time	TO	Remote	Prog and PI	Instrument	SA	Comments
Feb. 1 Mo	05:40 06:00	D	X	012 Schaller	SpeX	JTR	Service Obs

February 2010

Additional Observers

HST date (Hawaii Standard Time) is listed for the first program starting after midnight (00:00) each day. Any date ambiguities should be resolved by the fact that programs are listed in strict time sequence.

Any instrument changes will be made with the time allocated. For example, if an instrument change is required at 11PM, the instrument change will start with the program scheduled at 11PM. This time to change instruments is factored into the time awarded.

All observing must occur within the listed dates and times and only with the personnel listed on this schedule. Any changes to the dates, times, and observing personnel must be approved by the Division Chief at least 1 month in advance; please submit requests earlier.

Support at the telescope by staff astronomers is only guaranteed for the first night of each observer's first run with an IRTF facility instrument as indicated by "1st Night" in the Comments column above. Please confirm this verbally with your support astronomer.

Please return your Observing Requirements Form by the date indicated, approximately 1 month in advance of your run. Please note that IRTF facility instrumentation is provided as documented on our web site (<http://irtfweb.ifa.hawaii.edu>); modifications for individuals are usually not possible unless agreed upon by IRTF staff adequately in advance.

Driving IRTF vehicles is a privilege granted to observers with valid driver's license. Please read and obey our vehicle policy. This includes using IRTF vehicles only for official travel between Hilo, Hale Pohaku, and the summit at the times you have indicated. All changes to your vehicle usage must be communicated to and approved by Mr. George Koenig, the IRTF Interim Superintendent.

SA (Support Astronomer)

ATT=Alan Tokunaga

EVT=Eric Tollestrup

JTR = John Rayner

SJB = Schelte (Bobby) Bus

Team = JTR, SJB, EVT