

# Akamai Observatory Short Course Schedule

Spring 2005

Draft as of 6/3/05

Day 0: June 5, 2005			
Time	Activity	Lead	notes
4:00pm	Arrival at HPA	Sarah and Malika	Check in at Robertson Dorm with Sandi Watson (there will be signs to guide us)
5:00-5:45	Introductions, ice-breaker, program expectations	Sarah and Malika	Instructors introduce themselves for five minutes each. HPA Dining Room
5:45 - 6:15	dinner	Sarah and Malika	HPA Dining Room
6:15 +	Short course expectations and evaluation: Socialize	David	Present the schedule and expectations
Day 1: Monday June 6, 2005			
Time	Activity	lead	Notes
7:00-7:30 AM	Breakfast		HPA Dining Room: pack sack lunch to take out
8:30 AM	Depart for Keck HQ		
9:00 - 9:55 AM	Welcome talk	David	Fred Chaffee (W. M. Keck Observatory Director)
10:00 - 10:55 AM	Eng. and Science at the Keck Observatory	Sarah & David	Speaker: Rich Matsuda. Presentation and discussion
10:55 - 11:10 AM	Break		
11:10 - 12:00 AM	AO talk	David	Chris Neyman
12:00 - 1:00 PM	Lunch		
1:00 - 1:30	Software Skills for Observatory Jobs	David	Shui Kwok
1:30 - 2:15 PM	Observatory Hands-on Activity - Introduction, assign students 2/Keck employee. Tour of HQ	David	
2:15-3:30 PM	Part 1: Students meet with Keck Staff	David	Keck Staff: J. Chin, B. Sung, L. Kissner, R Flicker, M. Hrynevich, R. Sumner, M. Kassis, B. Schaefer, Sean Adkins
3:30 - 3:45 PM	Break		
3:45 - 5:00 PM	Part 2: Observatory Hands-on Activity	David	Report back from activities
5:30 Dinner	Dinner		HPA (no charge) or Thai restaurant in town pay for your own meal
7:00 PM	Talk at Keck on Deep Impact Mission		Karen Meech speaker <a href="http://www.ifa.hawaii.edu/~meech/">http://www.ifa.hawaii.edu/~meech/</a>
8:00 PM	Return to HPA		
Day 2: Tuesday June 7, 2005			
Time	Activity	Lead	notes
7:00-7:30 AM	Breakfast		Return room keys to Sandi Watson, 7:45
8:30 AM	Depart for Keck HQ		
08:45 - 09:00 AM	Morning edition	David	Debriefing - journal session
09:00 - 10:00 AM	Writing Activity	Malika	Writing: Goals and Expectations and Portfolios
10:00 - 12:00	Culture Talk	David	Kepa Maly Cultural Resource, presentation and talk story
12:00- 1:00 PM	Lunch with Kepa		Catered lunch in Hualalai Foyer

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1:00 - 3:00 PM	<b>Introduce Summit Activity</b>	David	David w/ help of B. Sung: use of 16 computers in remote observing rooms to investigate on 15 facilities
3:00 - 4:00 PM	<b>What's exciting about Astronomy.</b>	David	Speaker: Claire Max, Director of the Center for Adaptive Optics
4:00 - 5:30	<b>Travel to Hale Pohaku</b>		
5:30-6:00 PM	<b>Dinner at Hale Pohaku</b>		
7:00-10:00 PM	<b>Star Gazing at Visitor Info Center</b>	Sarah	David Bryne

## SUMMIT Day 3: Wednesday June 8,2005

Time	Activity	Lead	Notes
7:00 - 8:00 AM	<b>Breakfast</b>		HP Dining Room
7:30 AM	<b>Meet with Kimo</b>	Sarah	
8:15 AM	<b>Brief with Erik Rau(Gemini)</b>	Sarah	
8:30 AM	<b>Departure for Summit</b>	Sarah	
9:00 AM	<b>Scenic view at UH 2.2</b>		
9:30 AM	<b>Split into 2 groups to visit SMA / Gemini</b>		till 11:00am
11:30-12:15	<b>Lunch at Summit Lunchroom</b>		
12:15-1:30	<b>Split into 2 groups to visit Gemini / SMA</b>		till 1:30
1:30-2:00	<b>Break at Keck</b>		
2:00-3:00	<b>Visit Keck I and II</b>		
3:30 AM	<b>Depart from summit for Hilo</b>		
6:00 PM	<b>Dinner at Naniloa</b>		

## Day 4: Thursday June 9, 2005

Time	Activity	Lead	Notes
08:30 - 08:45	<b>Morning edition</b>	Sarah or Kai	IfA Auditorium: Debriefing / journal
08:45 - 9:45	<b>Life in the Universe</b>	Mike McElwain	
9:45 - 10:00	<b>break</b>		
10:00-10:30	<b>Life and Evolution</b>	Mike McElwain	
10:30 - 11:30	<b>Report back on summit investigations</b>	David	All inquiry instructors are getting ready here.
11:30-12:15	<b>Lunch</b>		Naniloa packout meals
12:15 - 1:00	<b>Abstract Writing activity</b>	Malika	Anatomy of an Abstract, including assignment.
1:00 - 2:30	<b>Inquiry starters</b>	Mike McElwain	Facilitators: Mike, Kai, Sarah, Celine, Cathy
2:30-3:00	<b>Break (sort questions)</b>		
3:00-5:30	<b>Begin Inquiry investigation</b>	Mike McElwain	
6pm	<b>Dinner</b>	Naniloa	

## Day 5: Firday June 10, 2005

Time	Activity	Lead	Comments
9:00 - 9:30 am	<b>Finish inquiry investigation</b>	Mike McElwain	
9:30 - 10:00 am	<b>Prepare presentations</b>	Mike McElwain	
10:00-10:05 AM	<b>Break</b>		

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10:05 -11:15 AM	<b>Presentations and Inquiry Synthesis</b>	Mike McElwain	
11:15-11:20 AM	<b>Break</b>		
11:20 - 12:00noon	<b>Keck, HST and the early Universe - how did things come into place?</b>	Kai	Kai's talk
12:00 -12:30	<b>Welcome mentors</b>	Sarah Anderson	Sarah Anderson
12:30 - 01:30 PM	<b>Lunch</b>	Mentors stay for lunch	Naniiloa packout meals, or Catered?
01:30 - 02:30 PM	<b>Mentor Talk</b>	Session with the mentors (from Hilo) and students	Sarah Knights and Noah Luis Confirmed. <b>Kawai still pending</b>
02:30 -3:30 PM	<b>Communication session</b>	David	
03:30 - 3:45 PM	<b>Evening edition</b>	?	
3:50 - 4:15 PM	<b>Short Course evaluation</b>	Lisa / Malika	