

# LIGO LABORATORY

*2017 Summer Undergraduate Research Fellowship (SURF) Program*

## WEEK 1

DAY	TIME	EVENT
Tuesday, June 20	11 AM - 3 PM	SFP Check-In Fair <i>Center for Student Services</i>
	12 PM	Housing check-in begins
	4:15 PM	SFP group photo <i>Parsons-Gates</i>
	4:30 - 5:30 PM	SFP Kickoff <i>Ramo Auditorium</i>
	5:30 PM	SFP Student-Mentor BBQ <i>Dabney Hall</i>
Wednesday, June 21	10 - 10:30 AM	LIGO Orientation <i>West Bridge 351</i>
	1:30 - 2:30 PM	Safety meeting <i>Noyes 153</i>
Thursday, June 22	10 - 11:30 AM	Intro to LIGO Astronomy and Astrophysics <i>West Bridge 351</i>
	6:30 PM	SFP orientation for visiting students <i>Ramo Auditorium</i>
Friday, June 23	1 - 2:30 PM	Intro to LIGO Detectors <i>West Bridge 351</i>

SFP: Student-Faculty Program office (<http://sfp.caltech.edu>)

Note: LIGO-specific events are shaded in yellow

All times in Pacific Daylight Time (PDT)

## WEEK 2

DAY	TIME	EVENT
Monday, June 26	1 - 2:30 PM	Signal Processing for GW Astrophysics <i>West Bridge 351</i>
Wednesday, June 28	2 - 3:30 PM	How to Deal with Transient Noise <i>West Bridge 351</i>

## WEEK 3

DAY	TIME	EVENT
Wednesday, July 5	2 - 3:30 PM	Multimessenger Astronomy <i>West Bridge 351</i>
Friday, July 7	1 - 2:30 PM	The Advanced LIGO Sensitivity Curve <i>West Bridge 351</i>

## WEEKLY EVENTS

- **Wednesdays, Noon - 1 PM:** SURF Seminar Series - *Noyes 153*  
(this event is for all Caltech SURFs)
- **Fridays, Noon - 1 PM:** LIGO Pizza Lunches - *West Bridge*

## OTHER IMPORTANT DATES

TIME	EVENT
Week of July 10	Progress Report #1 is due
July 17-19	Caltech LIGO SURFs travel to LIGO Livingston
Week of July 24	Midterm mini-talks (at Caltech)
Week of July 31	Progress Report #2 and abstracts for final papers are due
August 24-25	Final presentations
August 25	SURF program ends BBQ at Caltech
September 22	Final papers are due
October 21	Fall Seminar Day (for local Caltech students)
October 31	Mentor approval of final papers is due

