

# KWFI Science Workshop 2019 program

## Day 1 – Tuesday, December 17

### 9:00 Morning Coffee

9:30	Jeff Cooke	Swinburne	KWFI basics
9:45	Chuck Steidel	Caltech	TBD
10:00	Richard Dekany	Caltech	GLAO at Keck prime focus
10:15	Roger Smith	Caltech	UV detectors
10:30	Matt Radovan	UCSC	TBD

### 10:45 Coffee break

11:15	Jeremy Mould	Swinburne	CMOS and other things
11:30	Peter Gillingham	AAO/MQ	A UV optimised prime focus camera for Keck
11:45	Hilton Lewis	Keck	Keck Observatory, the way forward
12:00	Jeffrey Kruk	NASA/GSFC	WFIRST synergy

### 12:15 Lunch

13:30	Ryan Foley	UCSC	The WFIRST Supernova Survey and Deep Fields Superluminous Supernovae at the Epoch of Reionization
13:45	Tyler Pritchard	NYU	
14:00	Sara Webb	Swinburne	The fastest transients
14:15	Lifan Wang	TAMU	Guest Stars of the Next Decade
14:30	Igor Andreoni	Caltech	Kilonovae with KWFI

### 14:45 Coffee break

### 15:15 Time Domain

15:45	Richard Wainscoat	U Hawaii	Discussion Solar System Science from the Keck Wide-Field Imager
16:00	Josh Walawender	Keck	The Power of Filters
16:15	Michael Rich	UCLA	The Blanco DECam Bulge Survey: An LSST Pathfinder Project
16:30	Jielai Zhang	Swinburne	Low surface brightness imaging with KWFI, lessons from the Dragonfly Telephoto Array

### 16:45 Local Universe

17:15 End of day

## Day 2 – Wednesday, December 18

### 9:00 Morning coffee

9:30	Jason Rhodes	JPL	Euclid synergy
9:45	Sangeeta Malhotra	NASA/GSFC	WFIRST, KWFI, and Lyman Continuum Escape
10:00	Isak Wold	NASA/GSFC	A KWFI Lya Survey at $z=1.5$
10:15	Joe Burchett	UCSC	Diffuse gas in circumgalactic and intra-protocluster environments during Cosmic Noon
10:30	Satoshi Yamanaka	Waseda University	CHORUS: Candidates of Lyman continuum galaxies at $z=3.3$ and $4.9$ from Subaru/HSC narrow-band

### 10:45 Coffee break

### 11:15 High-redshift

### 11:45 Lunch

### 13:00 Break out sessions

### 14:00 Break out sessions

14:30 End of workshop

### Discussion

### Local Universe, High-z Universe, Time Domain Reports