



# TWEPP 2017 Topical Workshop on Electronics for Particle Physics

## Monday, 11 September 2017

### Invited Talk - Earth and Marine Sciences (E&MS) Building (10:20 - 11:50)

-Conveners: Alex Grillo

time	[id] title	presenter
10:20	[208] Welcome to SCIPP - Research at SCIPP and at UCSC	Prof. NIELSEN, Jason
11:05	[209] Neuron detectors: electrical and optical interactions with neural networks.	Prof. SHER, Alexander

### Invited Talk - Earth and Marine Sciences (E&MS) Building (14:00 - 14:45)

-Conveners: Philippe Farthouat

time	[id] title	presenter
14:00	[191] LCLS-II: A High Repetition Rate X-Ray Laser Facility	FRITZ, David M.

## Tuesday, 12 September 2017

### **Invited Talk - Earth and Marine Sciences (E&MS) Building (10:15 - 11:00)**

-Conveners: Alessandro Marchioro

time	[id] title	presenter
10:15	[197] Advances in Image Sensors Technologies	Dr FOWLER, Boyd

### **Invited Talk - Earth and Marine Sciences (E&MS) Building (14:00 - 14:45)**

-Conveners: Salvatore Danzeca

time	[id] title	presenter
14:00	[198] Trends in Radiation Effects for sub-65 nm Technologies	WEEDEN-WRIGHT , Stephanie

# Wednesday, 13 September 2017

## Invited Talk - Earth and Marine Sciences (E&MS) Building (10:15 - 11:00)

-Conveners: Julie Whitmore

time	[id] title	presenter
10:15	[188] Readout Electronics Systems for Liquid Argon TPCs in Neutrino Experiments	CHEN, Hucheng

## Invited Talk - Earth and Marine Sciences (E&MS) Building (14:00 - 14:45)

-Conveners: Christophe De La Taille

time	[id] title	presenter
14:00	[199] Beyond 100Gbps High-Speed Optical Data Interconnects	VERDIELL, Marc

# Thursday, 14 September 2017

## **Invited Talk - Earth & Marine Sciences (E&MS) Building (10:15 - 11:00)**

-Conveners: Angelo Rivetti

time	[id] title	presenter
10:15	[200] CMOS Biochips: The Good, the Bad, and the Hype	HASSIBI, Arjang

## **Invited Talk - Earth and Marine Sciences (E&MS) Building (14:00 - 14:45)**

-Conveners: Geoff Hall

time	[id] title	presenter
14:00	[190] ADCs Approaching 100 GS/s	GUI, Ping