



# Applied Antineutrino Physics Workshop 2023

## Tuesday 19 September 2023

### Neutrino detection & technology: Session 1 (09:40-10:40)

**-Conveners: Yan-Jie Schnellbach**

time	[id] title	presenter
09:40	[48] WbLS with pulse-shape discrimination	AKINDELE, Tomi
10:00	[49] Materials development in the 30-tonne tank at BNL	YEH, Minfang
10:20	[50] BUTTON technology testbeds	COLEMAN, Jon

### Neutrino detection & technology: Session 2 (11:05-12:25)

**-Conveners: Viacheslav Li**

time	[id] title	presenter
11:05	[20] Measurement of reactor neutrinos using plastic scintillator cube	Dr HASEGAWA, Shoichi
11:25	[11] Nuclear reactor monitoring with gadolinium-loaded plastic scintillator modules	OZTURK, Sertac
11:45	[39] A 6Li-doped pulse shape sensitive plastic scintillator for ton-scale detector applications	ROCA, Cristian
12:05	[40] Performance of the ROADSTR PSD Plastic Prototype Detector	BRAVO, Caizer

### Neutrino detection & technology: Session 3 (13:25-15:15)

**-Conveners: Nathaniel Bowden**

time	[id] title	presenter
13:25	[24] Novel opaque scintillator technology for antineutrino detection	BEZERRA, Thiago
13:45	[28] Novel Methodology for Low Energy IBD-like Antineutrinos Detection and Potential	CABRERA, Anatael
14:00	[19] Development of a High-Energy Two-Component Gamma Calibration Source	JOVANOVIC, Igor
14:20	[51] Forest of Tubes for a directional IBD detector	LEARNED, John
14:35	[62] EoS – A Pathfinder Experiment for Low Energy Neutrino Physics with the Hybrid Detector THEIA	STEIGER, Hans
14:55	[65] PALEOCCENE	