

Photocathode Physics for Photoinjectors (P3) 2016

Wednesday, October 19, 2016

Applications, funding and future. - F113 Cebaf Center (11:45 AM - 12:15 PM)

-Conveners: Dave Dowell; Carlos Hernandez

time	[id] title	presenter
11:45	F113 Cathode Challenges and update for cathode in CW Operation	BARTNIK, Adam
12:00	F114 Operation/characterization of alkali antimonide in SRF gun	WANG, Erdong

Applications, funding and future. - F113 Cebaf Center (1:45 PM - 3:30 PM)

time	[id] title	presenter
1:45	F115 Semiconductor cathodes in SRF guns/ Cathode challenges and update for cathode operation in SRF guns	TEICHERT, Jochen
2:00	F116 LANL Updates and Quantum Dots: photoemission from quantized energy states	MOODY, Nathan
2:20	F117 DISCUSSION	
	- [1] Diamondoid	
2:40	F119 Electron source requirements for laser-driven dielectric accelerators	ENGLAND, Joel
3:05	F118 DISCUSSION- Future funding	

Applications, funding and future. - F113 Cebaf Center (3:45 PM - 5:00 PM)

time	[id] title	presenter
3:45	F110 Nanotip electron sources for dielectric laser acceleration	KOZAK, Martin
4:10	F111 Cathodes for ultrafast electron diffraction and microscopy (UED-UEM) applications	LI, Renkai
4:25	F112 Tailoring the emissive properties of photocathodes through materials engineering: Ultra-thin multilayers	VELAZQUEZ, Daniel
4:40	F113 DISCUSSION	