

Photocathode Physics for Photoinjectors (P3) 2016

Tuesday, October 18, 2016

Theory - F113 Cebaf Center (9:30 AM - 9:55 AM)

-Conveners: Kevin Jensen; Dimitre Dimitrov

time	[id] title	presenter
9:30 AM	[32] One step photoemission from Ag(111) surface	KARKARE, Siddharth

Theory - F113 Cebaf Center (10:15 AM - 12:15 PM)

time	[id] title	presenter
10:15 AM	[33] Photoemission of electrons from sharp needle tips driven by femtosecond laser pulses: a tutorial	KOZAK, Martin
10:40 AM	[35] DFT-Calculated Properties of Graphene Shield Enhanced Photocathodes	FINKENSTADT, Daniel
10:55 AM	[65] Quantum Dots Tutorial	SHABAEV, Andrew
11:20 AM	[38] DFT and Graded Composition, Heterostructures and Graphene	SHABAEV, Andrew
11:45 AM	[36] DISCUSSION	

Theory: Theory - F113 Cebaf Center (1:45 PM - 3:20 PM)

time	[id] title	presenter
1:45 PM	[37] Transfer Matrix Methods	JENSEN, Kevin
2:05 PM	[39] Multi-Alkali Cathodes	WANG, Erdong
2:20 PM	[40] PbTe(111): DFT analysis and experimental results	SCHROEDER, Andreas RICKMAN, B.L. LI, T
2:35 PM	[41] DISCUSSION	

Theory: Theory - F113 Cebaf Center (3:35 PM - 5:00 PM)

-Conveners: Siddharth Karkare

time	[id] title	presenter
3:35 PM	[42] Modeling Electron Emission from Controlled Rough Surfaces	DIMITROV, Dimitre
4:00 PM	[43] Delayed, Multiply Scattered Emission Effects	PETILLO, John
4:25 PM	[44] Monte Carlo Simulation of Electron Photoemission from Alkali Antimonide Semiconductors	GUPTA, Pranav
4:40 PM	[45] DISCUSSION	