

Photocathode Physics for Photoinjectors 2012

Tuesday, October 9, 2012

Session 4 - Photocathode physics II: towards photocathode material engineering - 700 (1:00 PM - 4:00 PM)

-Conveners: Bruce Dunham; Katherine Harkay; Sven Lederer; Wayne Hess

time	[id] title	presenter
1:00 PM	[26] Redesigning Cs ₂ Te: Workfunction Lowering and Quantum-Efficiency Preservation via Acetylation	HARKAY, Katherine
1:15 PM	[28] Surface science techniques	HESS, Wayne
1:30 PM	[46] Electron effective mass: Emittance and efficiency	SCHROEDER, Andreas
1:55 PM	[48] Status OF CsBr Photocathodes	Dr MALDONADO, Juan
2:10 PM	[56] Nanostructured Photoelectron Sources for Electron Beamlet Array Generation	Dr SWANWICK, Michael Dr HOBBS, Richard
2:25 PM	[57] High Aspect Ratio Si Photoelectron Emitter Arrays	KEATHLEY, Donnie
2:40 PM	[32] Open Discussion or Contributed Talks	
3:00 PM	Coffee Break	
3:15 PM	[29] Nano-cavity plasmonic photocathodes	POLYAKOV, Alex
3:30 PM	[30] Grating based plasmonic photocathodes	MUSUMECI, Pietro
3:45 PM	[43] Open Discussion	