

Photocathode Physics for Photoinjectors Workshop

Wednesday, 4 October 2023

Novel concepts - Charles B. Wang Center (08:30 - 10:00)

-Conveners: Oksana Chubenko

time	[id] title	presenter
08:30	[16] On chip waveguide integrated photocathode	CHAE, Hyun uk
08:55	[17] Development of Air Stable Silicon Photoemitter with Electronically Tunable Negative Electron Affinity	Dr AHSAN, Ragib
09:20	[18] Ab Initio Study of 2D Materials as Photocathode Capping Layers and Potential Photocathodes	WU, Tyler
09:45	Discussion	

Thursday, 5 October 2023

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-Conveners: Siddhart Karkare

time	[id] title	presenter
08:30	[31] Potential applications and requirements of photoelectron sources for Metrology	Dr DELGADO, Gil
08:55	[32] Plasmonic vortices as sources of angular momentum electron beams	Dr PETEK, Hrvoje
09:20	[33] Optical Near Field Electron Microscopy	Dr SMEDLEY, John
09:45	Discussion	