

Tuesday Sept. 20		Author	Institute	Subject
	13:00	Registration		
	13:30	Welcome		
Session 1	14:00-15:30	Overview of Photocathode Research		
	14:00-14:30	Luca Serafini	INFN	High brightness beams
	14:30-14:50	Boris Militsyn	STFC	ERL Roadmap for Europe
	14:50-15:10	Laura Monaco	INFN	Recent advancements on photocathodes
	15:10-15:30	Kurt Aulenbacher	MAINZ	Experience on polarized photocathodes
	15:30-16:00	Coffee Break		
Session 2	16:00-18:00	Photocathode Performance in Accelerator Applications		
	16:00-16:20	Carlos Hernandez Garcia	JLAB	JLAB DC gun developments
	16:20-16:40	Verena Kuemper	RI	CsK ₂ Sb-photocathodes for application in an industrial accelerator
	16:40-17:00	Jennifer Groth	MESA	Status of precise measurements of electron-beam polarization changes during long term operation
	17:00-17:20	Sven Lederer	DESY/XFEL	Cs ₂ Te performance for XFEL facility
	17:20-17:40	Huamei Xie	Peking University	Performance of bialkali photocathode in DC-SRF photoinjector
	17:40-18:00	Theo Vecchione	SLAC	Photocathode performance at LCLS-II
Poster	18:00-19:00			
Wednesday Sept. 21				
Session 3	9:00-10:30	New Photocathode Ideas		
	9:00-9:20	Chris Benjamin	Univ. of Warwick & STFC	Ultra-thin MgO films on metal photocathodes to enhance QE
	9:20-9:40	Carlo Benedetti	LBNL	Plasma photocathode
	9:40-10:00	Luciano Velardi	Uni Salento-Lecce	Innovative photocathodes based on nanodiamond layers
	10:00-10:20	Nathan Moody	LANL	Protective layers on bi-alkali cathodes
	10:20-10:40	Evan Antoniuk	Stanford	AI/ML-selection of air-stable photocathodes
	10:40-11:10	Coffee Break		
Session 4	11:10-12:30	Metallic Photocathode		
	11:10-11:30	Liam Soomary	Univ. of Liverpool & STFC	Studies on the evolution of MTE for photocathodes subjected to controlled degradation by gas exposure
	11:30-11:50	Tim Noakes	STFC	Copper cathode
	11:50-12:10	Jochen Teichert	HZDR	Magnesium cathode
	12:10-12:30	J Lorkiewicz	NCBJ	Lead cathode for DESY SRF gun
Lunch	12:30-14:00	Lunch		
Session 5	14:00-15:30	Semiconductor Photocathode		
	14:00-14:20	Chen Wang	BerlinPro	Multi-alkali antimonide photocathodes for highly brilliant electron beams
	14:20-14:40	Lee Jones	STFC/CERN	Performance characterisation at Daresbury Laboratory of CsTe photocathodes grown at CERN
	14:40-15:00	Sandeep Mohanty	INFN/DESY	Cs ₂ Te / KCsSb in gun operation
	15:00-15:20	Rong Xiang	HZDR	Operation of Cs ₂ Te in SRF gun for THz user shifts
	15:30-16:00	Coffee Break		
Lab Visit	16:00-18:00	LASA Visit		
Thursday Sept. 22				
Session 6	09:00-10:30	Theory		
	09:00-09:20	G. Adhikari	DESY PITZ	Monte Carlo transverse emittance and quantum efficiency study on Cs ₂ Te
	09:20-09:40	Zenggong Jiang	SINAP	Monte Carlo simulations of electron photoemission from plasmon-enhanced bialkali photocathode
	09:40-10:00	Holger Sassnick	Uni-Oldenburg	Exploring cesium-tellurium phase space via high-throughput calculations beyond semi-local density-functional theory
	10:00-10:20	Andrea Scroeder	University of Illinois	Ultrafast sub-threshold one-photon photoemission
	10:30-11:00	Coffee Break		
Session 7	11:00-12:30	Advanced Photocathode Characterization		
	11:00-11:20	Siddhartha Karkare (Arizona University)	Arizona University	MTE measurement
	11:20-11:40	Loisch	DESY	Response time
	11:40-12:00	Jana Schaber	HZDR	Resolving surface chemical states in XPS analysis of p-GaN photocathodes
	12:00-12:20	M Gaowei	BNL	Nucleation of single crystal photocathode on atomically thin graphene substrate using co-deposition of cesium telluride
	12:20-12:40	A. Galdi	Universita' degli Studi di salerno	Molecular beam epitaxy of Cs-Sb thin films: structure-oriented growth of high efficiency photocathodes
	12:40-13:00	Vitaly Pavlenko	LANL	Stoichiometry control and automated growth of alkali antimonide photocathode films by molecular beam deposition