

Workshop on Multi-front Exotic phenomena in Particle and Astrophysics (MEPA 2023)

Friday 20 October 2023

Dark Photon and Milicharged particles: Dark Photon and Milicharged particle session1 (10:45 - 12:25)

-Conveners: Zuowei Liu; Shu Li; Jia Liu

time	[id] title	presenter
10:45	[9] Status of DarkQuest (Remote, GMT-5) (20'+5')	Dr FENG, Yongbin
11:10	[10] Status of LDMX (Remote, GMT-7) (20'+5')	Prof. ECHENARD, Bertrand
11:35	[4] Observability of the Higgs boson decay to a photon and a dark photon (remote)	BEAUCHESNE, Hugues
12:00	[20] Ultralight dark photon & dark matter	GE, Shuailiang

Dark Photon and Milicharged particles: session1 (15:50 - 18:20)

-Conveners: Zuowei Liu; Jia Liu; Shu Li

time	[id] title	presenter
15:50	[11] Status of DarkMESA (Remote, GMT+2) (20'+5')	Prof. DENIG, Achim
16:15	[12] Status of NA64 (Remote, GMT+2) (20'+5')	Dr BANTO OBERHAUSER, Benjamin
16:40	[13] Status of DarkSHINE (20'+5')	CHEN, Jing
17:05	[21] Dark photon in astrophysical laboratories	SONG, Ningqiang
17:30	[22] Probing the dark photon in collinear dark matter splitting	LI, Jinmian
17:55	[31] Detecting Dark Photons with Superconducting Radio-Frequency (SRF) Cavities	ZENG, Yanjie