

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

Friday 20 October 2023

Axion: Axion Session1 (08:50 - 10:30)

-Conveners: Jing Shu; Haipeng An; Yingying Li

time	[id] title	presenter
08:50	[32] Detecting High-Frequency Gravitational Waves in Planetary Magnetosphere	LIU, Tao
09:20	[33] Gravitational waves from ultra light dark matter	ZHANG, Yun-Long
09:50	[34] A Mossbauer Scheme for Gravitational Wave Detection	□, □

Saturday 21 October 2023

Axion (16:00 - 18:05)

-Conveners: Yingying Li; Jing Shu; Haipeng An

time	[id] title	presenter
16:00	[38] Search for exotic spin-dependent interactions with solid-state-spin quantum sensors	RONG, XING
16:30	[35] Axion physics at the cosmological collider	XIANYU, Zhong-Zhi
17:00	[36] Axion dark matter and the cosmic dipole problem	HAN, Chengcheng
17:30	[37] Strong Gravity Frontier of Particle Physics	CHEN, Yifan