

The 2021 Shanghai Particle Physics and Cosmology Symposium (SPCS2021)

Saturday, 20 November 2021

Axion: Session-1 (10:45 - 12:25)

-Conveners: Shao-Feng Ge; Yong Yang; Jing Shu

time	[id] title	presenter
10:45	[10] Overview of Axion theory	Prof. LIU, Jia
11:05	[7] TASEH: A Haloscope experiment for axion dark matter search	Dr CHANG, Yuan-Han
11:25	[13] Hunting Axions Using Astrophysical Observation and Quantum Metrology	Dr CHEN, Yifan
11:45	[26] Search for new bosons with spin sensors	Dr JIANG, Min
12:05	[40] Searching for axion dark matter with the MeerKAT Radio Telescope	HOUSTON, Nick

Axion: Session-2 (15:50 - 17:30)

-Conveners: Shao-Feng Ge; Yong Yang; Jing Shu

time	[id] title	presenter
15:50	[11] High sensitivity axion dark matter searches in the 1-8 GHz frequency range and beyond	Prof. SEMERTZIDIS, Yannis K.
16:10	[12] Axion search with ALPS experiments	Dr KARAN, Kanioar
16:30	[8] Axion search in PandaX experiment	ZHOU, Xiaopeng
16:50	[9] Axion search in XENON experiment	Prof. GAO, Fei
17:10	[35] Gravitational Wave Burst from Axion Clumps and Possible Dark Fluxes	Dr ZHANG, Yun-Long