

2024年理论物理前沿与交叉科学研讨会（第二届彭桓武科教合作中心联席会议）

Saturday 27 April 2024

粒子物理、核物理、宇宙学 (13:30-15:00)

time	[id] title	presenter
13:30	[37] Effective Field Theories: from On-shell Amplitudes to New Physics	江浩 于
13:45	[82] The heaviest QED atom and tau mass	玉洁 张
14:00	[81] Thermal dark matter with mass below GeV	岳霖 蔡
14:15	[38] Illuminating M87* inner shadow with dark matter annihilation	然 丁
14:30	[35] Search for ultralight dark matter	小平 王
14:45	[108] Baryon asymmetry of the Universe	成成 韩

粒子物理、核物理、宇宙学 (15:30-16:45)

time	[id] title	presenter
15:30	[91] QCD corrections to heavy quark decay width	海涛 李
15:45	[109] Multimessenger signals of GW170817 & Axion-like Particles	永超 张
16:00	[36] Higgs properties and new physics beyond the SM	斌 岩
16:15	[39] Sterile neutrinos as a window to new physics	刚 李
16:30	[66] GKZ hypergeometric systems of multi-loop vacuum Feynman	海斌 张

Sunday 28 April 2024

粒子物理、核物理、宇宙学 (13:30-15:00)

time	[id] title	presenter
13:30	[79] 超重区双幻核的理论预言	鸿飞 张
13:45	[77] Efficiently construct Massive EFT	腾 马
14:00	[65] Cosmic first-order phase transitions without bubbles	蒋
14:15	[107] TBA	佐伟 刘
14:30	[70] Production of true para-muonium in linearly polarized photon fusions	帅 赵
14:45	[78] On the cosmological abundance of magnetic monopoles	宸 张

粒子物理、核物理、宇宙学 (15:30-16:45)

time	[id] title	presenter
15:30	[122] 拓扑缺陷与引力波	博文 付
15:45	[90] On the importance of heavy fields in pseudo-scalar inflation	子威 王
16:00	[94] 相对论涨落定理——引力系统中宏观现象不可逆性的起源	逸凡 蔡
16:15	[68] Quantum fluctuation on action growth of probe string in BTZ black hole	宇霆 周
16:30	[112] Lepton flavor violating decays $l_j \rightarrow l_i + \gamma + \gamma$	明月 刘