Workshop on Dense Matter Equation of State and Frontiers in Neutron Star Physics

Monday, 1 April 2024

EM, nucleosynthesis, EoS - Tsung-Dao Lee Institute/S5F-S500 - Lecture Hall (09:30 - 10:50)

-Conveners: Xilu Wang

time	[id] title	presenter
09:30	[28] Elucidation of neutron star structure due to type I X-ray burst simulation and observation	LIU, Helei
10:10	[29] Strong magnetic field inside degenerate relativistic plasma and its impacts on the neutrino transport in Core-Collapse Supernovae	LUO, Yudong

EM, nucleosynthesis, EoS - Tsung-Dao Lee Institute/S5F-S500 - Lecture Hall (11:05 - 12:25)

-Conveners: Shuai Zha

time	[id] title	presenter
11:05	[30] Evolution of pulsars and its interior equation of state	ZHOU, Xia
11:45	[31] Unified nuclear matter EOSs in RMF models	XIA, Cheng-Jun

EM, nucleosynthesis, EoS - Tsung-Dao Lee Institute/N1F-N102 - Smart Classroom (14:00 - 15:20)

-Conveners: Zhenyu Zhu

time	[id] title	presenter
14:00	[32] Quark Matter and Hybrid Stars	CHEN, Huan
14:40	[33] Inverse engineering the TOV equation — analytical results and the application in deep learning	SHI, Shuzhe