

EIC opportunities for Snowmass

Friday, 29 January 2021

Heavy flavor at EIC (11:00 - 15:00)

-Conveners: Stephen Sekula; Xin Dong; Stephen Sekula; Ivan Vitev

time	[id] title	presenter
11:00	[38] Introduction	
11:10	[32] Measuring gluon polarization in the nucleon via open charm production at the EIC	Dr ZHAO, Yuxiang
11:20	[14] Open heavy flavor and jet studies for the future Electron-Ion Collider	Dr LI, Xuan
11:30	[27] Studies of Open Charm Hadron Reconstruction at the EIC and Implications for Charm Structure Functions	KELSEY, Matthew
11:40	[28] Charm as a probe for strangeness at the EIC	OLNESS, Fredrick
11:50	[13] Heavy meson tomography of cold nuclear matter at the electron-ion collider	LIU, Zelong
12:00	[29] Λ_c baryon production at future EIC	JI, Yuanjing
12:10	[15] QCD evolution of the gluon Sivers function in heavy flavor dijet production at the EIC	Dr SHAO, Dingyu
12:20	[44] Probing gluon distributions with heavy quark pairs at the EIC	RADHAKRISHNAN, Sooraj
12:30	[45] In-medium fluctuations in the GLV formalism	SADOFYEV, Andrey
12:40	[26] Exotic Spectroscopy @ EIC studies from JPAC	WINNEY, Daniel
12:50	[46] Design and Performance of an All-Silicon Tracker for the Electron Ion Collider	Dr CRUZ TORRES, Reynier
13:00	[47] Discussion and Summary	