

EIC opportunities for Snowmass

Tuesday, 26 January 2021

Hadron tomography at EIC and HEP (11:00 - 15:00)

-Conveners: Salvatore Fazio; Alexei Prokudin; Alessandro Vicini; Timothy Hobbs

time	[id] title	presenter
11:00	[33] Welcome and summary of Snowmass aims	Prof. LIN, Huey-Wen
11:05	[16] A self-consistent determination of proton and nuclear PDFs at the Electron Ion Collider	ROJO, Juan
11:20	[5] Improved constraints on nPDFs with nCTEQ	OLNESS, Fredrick
11:35	[8] Probing the structure of exotic hadrons at the EIC	DURHAM, Matt
11:50	[1] 3D proton tomography at the EIC: TMD gluon densities	CELIBERTO, Francesco Giovanni
12:05	[54] Quarkonium production and gluon TMDs at the EIC	TAELS, Pieter
12:20	[7] EIC Impact Study on the Tensor Charge using TMDs from a Global Analysis of SSAs	PITONYAK, Daniel
12:35	[31] Toward a universal definition of TMD Fragmentation Functions	SIMONELLI, Andrea
12:50	[4] Light-front holographic ρ -meson parton distribution functions	Ms KAUR, Satvir
13:05	Coffee	
13:15	[34] Discussion toward Snowmass proceedings	HOBBS, Timothy