



# 2021 EIC UG Meeting Early Career Workshop

## Thursday, July 29, 2021

### Presentation Session: e+A Diffractive Processes (12:35 PM - 1:35 PM)

-Conveners: Jackson Pybus

time	[id] title	presenter
12:35	<del>P20</del> Diffractive dissociation in electron-nucleus collisions: theory and phenomenology	LE, Anh Dung
12:50	<del>P16</del> Neutron Spin structure from e-3He scattering with double spectator Tagging at EIC	NGUYEN, Dien
1:05	<del>P9</del> QCD dynamics in nuclei: Diquarks and the Novel Color Singlet Hexadiquark	Dr RITTENHOUSE WEST, Jennifer
1:20	<del>P44</del> Design of a Stripline Injection Kicker for the Hadron Storage Ring of Electron-Ion collider	SANGROULA, Medani

# Friday, July 30, 2021

## Presentation Session: Jets and Baryon Production (12:10 PM - 1:25 PM)

-Conveners: Charlotte Van Hulse

time	[id] title	presenter
12:10 PM	[M0] Entanglement, partial set of measurements, and diagonality of the density matrix in the parton model	DUAN, Haowu
12:25 PM	[M5] Forward dijets in proton-nucleus collisions at next-to-leading order: the real corrections	MULIAN, Yair
12:40 PM	[M7] Jet fragmentation functions at the EIC	ZHAO, Fanyi
12:55 PM	[M6] Multiple parton scattering and gluon saturation in dijet production at EIC	ZHANG, Yuan-Yuan
1:10 PM	[M8] $\Lambda_c^+$ baryon production at future EIC	JI, Yuanjing

## Presentation Session: Interesting Tools and Utilities (1:30 PM - 2:35 PM)

-Conveners: Wenliang Li

time	[id] title	presenter
1:30 PM	[M4] VR Event and Detector Display for ATHENA	PREINS, Sean
1:45 PM	[M3] Deeply learning deep inelastic scattering kinematics	FARHAT, Abdullah
2:00 PM	[M2] Simultaneous Monte Carlo analysis of parton densities and fragmentation functions	MOFFAT, Eric
2:15 PM	[M] eHIJING: an EIC event generator for jet tomography	KE, Weiyao