



# 2022 EIC User Group Early Career Workshop

## Sunday, July 24, 2022

### Theory - Physics C120 (Peter Paul Seminar Room) (10:00 AM - 12:00 PM)

-Conveners: Chiara Bissolotti

time	[id] title	presenter
10:00 AM	[25] An overview of gluon TMD PDFs and polarization	CELIBERTO, Francesco Giovanni
10:20 AM	[26] A new extraction of unpolarized TMDs through global fits *	CERUTTI, Matteo
10:40 AM	Coffee break	
10:45 AM	[27] Study of TMDs in DIS single-jet production *	ROSSI, Lorenzo
11:05 AM	[28] The role of TMD Fragmentation Functions in SIDIS phenomenology	SIMONELLI, Andrea
11:25 AM	[40] NLO corrections to quarkonium photoproduction at the EIC *	YEDELKINA, Yelyzaveta

# Monday, July 25, 2022

## Theory - Physics C120 (Peter Paul Seminar Room) (9:50 AM - 12:10 PM)

-Conveners: Francesco Giovanni Celiberto

time	[id] title	presenter
9:50 AM	[19] Compton scattering and the prospects of accessing it in quantum computers	GUERRERO, Juan
10:10 AM	[41] The transverse $\Lambda$ polarization in $e^+e^-$ collision and SIDIS	ZACCHEDDU, Marco
10:30 AM	[20] Diquarks & Short-range correlated nucleon-nucleon pairs (SRC)	RITTENHOUSE WEST, Jennifer
10:50 AM	[24] Simulations of Semi-inclusive DIS ML Kinematics reconstruction *	PECAR, Connor
11:10 AM	[30] Collinear phenomenology of J/psi polarization at EIC *	LUCA, Maxia
11:30 AM	[31] SMEFT projections of neutral-current PVDIS asymmetries at the EIC *	ŞİMŞEK, Kağan
11:50 AM	[42] Quarkonium at EIC *	LYNCH, Kate