

QCD Evolution Workshop 2023

Monday, May 22, 2023

TMDs - Auditorium Joliot Curie (10:15 AM - 10:40 AM)

-Conveners: Carlota Andres

time	[id] title	presenter
10:15 AM	[6] The resolution to the problem of consistent large transverse momentum in TMDs	GONZALEZ-HERNANDEZ, J. Osvaldo

TMDs: Next-to-leading power - Auditorium Joliot Curie (11:00 AM - 12:15 PM)

-Conveners: Carlota Andres

time	[id] title	presenter
11:00 AM	[37] TMD factorization at sub-leading power	VLADIMIROV, Alexey
11:25 AM	[35] TMD factorization at next-to-leading power	RODINI, Simone
11:50 AM	[27] TMD Jet distributions at next-to-leading power	SCIMEMI, Ignazio

TMDs: Global extractions - Auditorium Joliot Curie (12:15 PM - 12:40 PM)

-Conveners: Jack Holguin

time	[id] title	presenter
12:15 PM	[22] QCD Global Analyses of Transverse Single-Spin Asymmetries: Single Hadron and Dihadron Observables	PITONYAK, Daniel

TMDs: Global extractions - Auditorium Joliot Curie (2:10 PM - 3:50 PM)

-Conveners: Jack Holguin

time	[id] title	presenter
2:10 PM	[56] Global extraction of Unpolarized proton and pion TMDs at N ³ LL	Mr ROSSI, Lorenzo
2:35 PM	[62] First simultaneous global QCD analysis of transverse momentum dependent and collinear distributions in the proton	BARRY, Patrick
3:00 PM	[57] Factorizing Lepton Radiation in SIDIS	Mr CAMMAROTA, Justin
3:25 PM	[26] Transverse Λ polarization in e^+e^- annihilation processes and SIDIS within a TMD approach	ZACCHEDDU, Marco D'ALESIO, Umberto

Tuesday, May 23, 2023

TMDs: Fragmentation - Auditorium Joliot Curie (9:00 AM - 10:40 AM)

-Conveners: Maxim Nefedov

time	[id] title	presenter
9:00 AM	[72] TMD distributions: collinear PDFs and flavour dependence	SCIMEMI, Ignazio ZURITA, Maria Pia
9:25 AM	[8] TMD Fragmentations from thrust dependent processes	SIMONELLI, Andrea
9:50 AM	[13] Collinear dynamics beyond DGLAP	JAARSMA, Max
10:15 AM	[51] Transverse momentum-dependent parton distributions for longitudinally polarized nucleons from Lattice QCD	ENGELHARDT, Michael

TMDs: Small-x - Auditorium Joliot Curie (11:00 AM - 12:40 PM)

-Conveners: Maxim Nefedov

time	[id] title	presenter
11:00 AM	[1] Rapidity-only TMD factorization at one loop	Prof. BALITSKY, Ian
11:25 AM	[65] Weizsäcker-Williams TMD factorization at NLO for back-to-back inclusive dijets in DIS at small x	Dr CAUCAL, Paul
11:50 AM	[23] TMD factorisation for diffractive jets in photon-nucleus interactions	IANCU, Edmond
12:15 PM	[2] Stress-testing factorization techniques: quantitative results in scalar Yukawa field theory	RAINALDI, TOMMASO

Friday, May 26, 2023

TMDs: Quarkonium - Auditorium Joliot Curie (11:00 AM - 12:40 PM)

-Conveners: Cyrille Marquet

time	[id] title	presenter
11:00 AM	[68] Accessing gluon TMDs through J/psi-pair production	COLPANI SERRI, ALICE
11:25 AM	[7] Azimuthal asymmetries in back-to-back J/psi-jet and J/psi-photon production at the EIC	MUKHERJEE, Asmita
11:50 AM	[20] Progresses on the TMD shape function in SIDIS	MAXIA, L.
12:15 PM	[24] Inclusive quarkonium photoproduction	LYNCH, Kate