

QCD Structure of the Nucleon (QCD-N2021)

Wednesday, October 6, 2021

Wednesday: Wednesday 1 - Colegio San Ildefonso (9:00 AM - 11:00 AM)

-Conveners: Marc Schlegel

time	[id] title	presenter
9:00 AM	[42] Calculation of transverse momentum dependent distributions beyond the leading power	MOOS, Valentin
9:20 AM	[13] Polarized PDFs and TMDs for spin-1 hadrons	KUMANO, Shunzo
9:40 AM	[1] Pressure distribution inside the Nucleon	MUKHERJEE, Asmita
10:00 AM	[7] Gravitational form factors of the nucleon in chiral EFT	GEGELIA, Jambul
10:20 AM	[57] Revisiting GPD evolution	BERTONE, Valerio
10:40 AM	[36] Challenges around DVCS	DUTRIEUX, Hervé

Wednesday: Wednesday 2 - Colegio San Ildefonso (11:30 AM - 1:30 PM)

-Conveners: Krzysztof Cichy

time	[id] title	presenter
11:30 AM	[38] First-time measurement of Timelike Compton Scattering, with the CLAS12 detector	CHATAGNON, Pierre
11:50 AM	[18] The pseudoscalar nucleon structure	Prof. RUIZ ARRIOLA, Enrique
12:10 PM	[45] Nucleon sigma terms from lattice QCD	VARNHORST, Lukas
12:30 PM	[83] COMPASS GPDs (TBA)	LIN, Po-Ju
1:00 PM	[63] GPDs from Lattice QCD	CONSTANTINOU, Martha

Wednesday: Wednesday 3 - Colegio San Ildefonso (2:45 PM - 5:00 PM)

-Conveners: Paul Hoyer

time	[id] title	presenter
2:45 PM	[71] Quantum parton correlators (TBA)	RICO ORTEGA, Enrique
3:15 PM	[17] Tensor Network and Quantum Simulation Methods for Lattice Gauge Theories	ZOHAR, Erez
3:45 PM	[48] Determining the proton content with a quantum computer	PÉREZ-SALINAS, Adrián
4:05 PM	[29] Quantum computation of non-perturbative general Parton distribution functions	GOLDSTEIN, Gary
4:25 PM	[72] Simulating collider physics on quantum computers using effective field theories (TBA)	BAUER, Christian