



# QNP2022 - The 9th International Conference on Quarks and Nuclear Physics

## Monday, September 5, 2022

### Hadron Structure: (GPD) - Parallel 1 (12:30 PM - 2:35 PM)

-Conveners: Peter Pauli

time	[id] title	presenter
12:30 PM	[108] Three-dimensional structure of the nucleon: challenges and prospects	AVAGYAN, Harut
12:55 PM	[50] GPDs of light nuclei	FUCINI, Sara
1:20 PM	[125] A novel approach to calculate GPDs from lattice QCD	BHATTACHARYA, Shohini
1:45 PM	[127] Revisiting GPD evolution	BERTONE, Valerio
2:10 PM	[274] Deeply virtual Compton Scattering on the proton and the neutron at Jefferson Lab	NICCOLAI, Silvia

### Hadron Structure: (TMD) - Parallel 1 (3:00 PM - 5:05 PM)

-Conveners: Andrew Puckett

time	[id] title	presenter
3:00 PM	[120] MAPTMD22: a new global fit of unpolarized TMDs	CERUTTI, Matteo
3:25 PM	[117] TMD distributions at the next-to-leading power.	RODINI, Simone
3:50 PM	[234] Exploring the potential role of diquarks in hadronization using SIDIS on nuclear targets	BROOKS, Will
4:15 PM	[143] New insights on the factorization of single-inclusive $e^+e^-$ annihilation	SIMONELLI, Andrea
4:40 PM	[263] TMD measurements at JLab and future EIC.	CONTALBRIGO, Marco

## Tuesday, September 6, 2022

### Hadron Structure: (Form Factors) - Parallel 1 (12:30 PM - 2:35 PM)

-Conveners: Daniel Lersch

time	[id] title	presenter
12:30 PM	[270] Overview of Nucleon Form Factor Measurements	PUCKETT, Andrew Prof. PUCKETT, Andrew
12:55 PM	[154] Nucleon Form-Factors at High Momentum Transfer: Overview and Status	WOJTSEKHOWSKI, Bogdan
1:20 PM	[240] Mechanical properties of the proton from lattice QCD	HACKETT, Daniel
1:45 PM	[103] Recent result of nucleon time-like form factors at BESIII	ZHOU, xiaorong
2:10 PM	[80] Oscillating behavior in neutron and proton form factors in the time-like region	TOMASI-GUSTAFSSON, Egle

### Hadron Structure: Parallel 1 (3:00 PM - 5:00 PM)

-Conveners: Volker Crede

time	[id] title	presenter
3:00 PM	[212] Hyperon Form Factors	THORÉN, Viktor
3:25 PM	[222] Hyperons electromagnetic form factors with HADES	LALIK, Rafał
3:50 PM	[259] The axial-vector form factor of the nucleon from two flavour Lattice QCD ensembles	LUTZ, Matthias F.M.
4:15 PM	[159] Proton spin structure at low x	BOUSSARIE, Renaud
4:40 PM	[66] New solution in the Non-linear BK equation and description of the experimental data	Dr CONTRERAS, Carlos

## Wednesday, September 7, 2022

### Hadron Structure: (Compton Scattering) - Parallel 1 (12:30 PM - 2:30 PM)

-Conveners: Sean Dobbs

time	[id] title	presenter
12:30 PM	[265] Theory overview of GPDs - fits and modelization	KUMERICKI, Kresimir
12:55 PM	[207] Virtual Compton Scattering and the Generalized Polarizabilities of the proton	SPARVERIS, Nikos
1:20 PM	[195] Timelike Compton Scattering with CLAS12 at Jefferson Lab	CHATAGNON, Pierre
1:45 PM	[158] Compton scattering on liquid deuterium target at HI $\gamma$ : Measuring nucleon polarizabilities	GODAGAMA, Danula
2:10 PM	[148] Multichannel approach for new GPD-sensitive experimental measurements	BOER, Marie

### Hadron Structure: Parallel 1 (3:00 PM - 5:20 PM)

-Conveners: Maria Zurek

time	[id] title	presenter
3:00 PM	[213] Measurements of the charged and neutral pion electromagnetic polarizabilities at GlueX	MISKIMEN, Rory
3:25 PM	[138] AMBER experiment at the M2 beam line of the CERN SPS	DZYUBA, Alexey
3:50 PM	[116] Semi-inclusive deep inelastic scattering with QED and QCD factorization	LIU, Tianbo
4:15 PM	[230] Pion Parton Distributions in the JAM Framework	BARRY, Patrick
4:40 PM	[40] Unveiling Nucleon 3D Chiral-Odd Structure with Jet Axes	LAI, Wai Kin
5:00 PM	[88] Study of higher twist TMD $h_3$ in the light-front quark-diquark model	SHARMA, Shubham