

GHP2025 Sunday, March 16, 2025

Sun 09:00 - 10:40	TMD and GPD I	Room 201AB, CHAIR: Daniel Pitonyak
09:00 - 09:25	Phenomenological extraction of GPDs using machine learning	Eric Moffat (Argonne National Lab)
09:25 - 09:50	Progress on the simultaneous analysis of collinear and transverse momentum parton distributions	Patrick Barry (Jefferson Lab)
09:50 - 10:15	Quantum Entanglement Correlations in Double Parton Distributions	Eric Kolbusz (Baruch College, CUNY)
10:15 - 10:40	Transverse Single-Spin Asymmetries in Inclusive DIS and SIDIS Production of Photons: Numerical Predictions using Models for Multi-Parton Correlators	Michael Harris (Lebanon Valley College)
Sun 10:40 - 11:00	<i>coffee break</i>	
Sun 11:00 - 12:40	TMD and GPD II	Room 201AB, CHAIR: Eric Moffat
11:00 - 11:25	Global QCD Analysis of Proton's Transverse Structure through TMDs and DiFFs	Daniel Pitonyak (Lebanon Valley College), Chris Cocuzza (Jefferson Lab)
11:25 - 11:50	Progress toward TMD factorization at next-to-leading power	Leonard Gamberg (Penn State Berks)
11:50 - 12:15	Nucleon Parton Distribution Functions from Boosted Correlations in the Coulomb Gauge	Jinchen He (University of Maryland, College Park)
12:15 - 12:40	Spin physics highlights from PHENIX	Devon Loomis (University of Michigan)
Sun 12:40 - 14:10	<i>lunch break</i>	
Sun 14:10 - 15:40	Award Session I	Room 201AB, CHAIR: Bernd Surrow
14:10 - 14:40	Correlations and collectivity from small to large systems	Wilke van der Schee (CERN / Utrecht University)
14:40 - 15:10	Aspects of the chiral and partonic structure of the nucleon	Andreas Metz (Physics Department, Temple University, Philadelphia)
15:10 - 15:40	Overview of the Jefferson Lab Hall A SBS form factor experiments	Mark Jones (Jefferson Lab)
Sun 15:40 - 16:00	<i>coffee break</i>	
Sun 16:00 - 17:30	Award Session II	Room 201AB, CHAIR: Bjoern Schenke
16:10 - 16:35	Explainable AI (XAI) based path to the simplification of deeply virtual, exclusive scattering amplitudes	Simonetta Liuti (University of Virginia)
16:35 - 17:00	Experimental access of high-multiplicity photo-nuclear interactions and a novel investigation of collective phenomena in this system	Blair Seidlitz (University of Colorado at Boulder)
17:00 - 17:25	Exploring Hadron Structure Through Monte-Carlo Fits and Model Calculations	Chris Cocuzza (College of William & Mary)
17:25 - 17:50	<i>break</i>	
Sun 18:00 - 20:00	GHP Business Meeting	Room 201AB, CHAIR: Bernd Surrow