

Physics Opportunities at an Electron-Ion Collider 2023



Tuesday, May 2

08:00	Arrival and registration		12:10	Lunch Break	
09:00	Welcome and opening remarks		14:00	Tobias Frederico	Light-hadron structure and dynamics in Minkowski space
09:10	Elke-Caroline Aschenauer	The electron-ion collider – A world wide unique collider to unravel the mysteries of visible matter	14:50	Khépani Raya Montaña	From 1-dimensional distributions to GPDs
10:00	Wim Cosyn	Physics opportunities with light ions at the Electron-Ion Collider	15:40	Coffee Break	
10:50	Coffee Break		16:10	Aurore Courtoy	Phenomenology of PDFs -- uncertainty determination for the proton and the pion PDFs
11:20	Anthony Thomas	From the quark and gluon structure of nuclei to the search for dark matter			

Wednesday, May 3

09:00	Jamal Jalilian-Marian	One-loop corrections to single and double inclusive hadron production in DIS at small x	14:00	Fernando Serna	Meson distribution amplitudes from Bethe-Salpeter wavefunctions
09:50	Patrizia Rossi	Jefferson Lab in the EIC era	14:50	Adam Freese	Light front synchronization and the rest frame structure of hadrons
10:40	Coffee Break		15:40	Coffee Break	
11:10	Giorgio Torrieri	Could collectivity exist in eA collisions?	16:10	Poster Session	
12:00	Lunch break				

Thursday, May 4

09:00	Brian Page	An overview of jets at the EIC	14:00	Emmanuel de Oliveira	Exclusive photo- and electroproduction of excited light vector mesons via a holographic model
09:50	Cédric Lorcé	Relativistic spatial distribution of charge and magnetization	14:50	Jun Takahashi	EXTREME Collaboration, a full hybrid model to simulate High Energy Heavy Ion Nuclear Collisions.
10:40	Coffee Break		15:40	Coffee Break	
11:10	Arlene Aguilar	Dynamical mass generation in QCD	16:10	<i>Round Table – Opportunities for the EIC in Latin America</i>	
12:00	Lunch break				

Friday, May 5

09:00	Adnan Bashir	Elucidating the structure of pseudoscalar mesons	14:00	Farid Salazar	Gearing up for the precision era for gluon saturation
09:50	Zhenyu Ye	AC-LGAD detectors for spatial and timing measurements at the EIC	14:50	Shohini Bhattacharya	Anomalies in Deep Virtual Compton Scattering
10:40	Coffee Break		15:40	Coffee Break	
11:10	Fernando Navarra	Leading Lambda production at the Electron Ion Collider	16:10	Fábio Braghin	Mixings in quarks/mesons and flavor content, vector meson coupling to axial current
12:00	Lunch break				

Saturday, May 6

09:00	Petja Paakkinen	Heavy quarks and dijets as a probe of nuclear partons from LHC pA to γ A collisions in UPCs and at EIC
09:50	Fernanda Steffens	PDFs, GPDs, and TMDPDFs from lattice QCD
10:40	Coffee Break	
11:10	Werner Sauter	Vector meson production at large t in eA collisions
12:00	Abhay Deshpande	Closing Remarks