

Program at a Glance

Time	Monday, May 26	Tuesday, May 27	Wednesday, May 28	Thursday, May 29	Friday, May 30
7:45 - 8:15	<i>Breakfast Service in Hearth</i>	<i>Breakfast Service in Hearth</i>	<i>Breakfast Service in Hearth</i>	<i>Breakfast Service in Hearth</i>	<i>Breakfast Service in Hearth</i>
8:15 - 8:30	Welcome and Opening Remarks				
session chair	C.Ji	B.Bakker	J.Vary	P.Hoyer	F.Gross
8:30 - 9:00	Lorce	Metz	McKeown	Boer	Beane
9:00 - 9:30	Wang	Matevosyan	Ferrero	Engelhardt	Schindler
9:30 - 10:00	Y. Zhao	Buffing	Elouadrhiri	Lin	Hoyer
10:00 - 10:30	Pasquini	Kanazawa	I. Choi	Kivel	Sandapen
10:30 - 11:00	<i>Break</i>	<i>Break, Group Photo</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
session chair	W.Polyzou	N.Kivel	S.Glazek	P.Tandy	A.Radyushkin
11:00 - 11:30	Bakker	Peng	Weiss	Bashir	More
11:30 - 12:00	Jimenez-Delgado	Melnitchouk	Scopetta	Popovici	U. Kulshreshtha
12:00 - 12:30	Vary	Hobbs	Davis	E. Pena	D. Kulshreshtha
12:30 - 2:00	<i>Lunch in Hearth with posters</i>	<i>Lunch in Hearth</i>	<i>Lunch in Hearth 12:30 - 1:00</i>	<i>Lunch in Hearth</i>	<i>Lunch in Hearth</i>
session chair	W.Melnitchouk	G.Salme	Excursion 1:00 - 5:00	V.Karmanov	A.Vega
2:00 - 2:30	Radyushkin	Viviani		Misra	Trawinski
2:30 - 3:00	Stefanis	Frederico		X. Zhao	Przeszowski
3:00 - 3:30	Cloet	Karmanov		3:00 - 3:20 Gomez-Rocha	Suzuki
				3:20 - 3:40 Weicki	
3:30 - 4:00	Tandy	T. Pena		3:40 - 4:00 Li	Martinovic
4:00 - 4:30	<i>Break</i>	<i>Break</i>		<i>Break</i>	<i>Break</i>
session chair	N.Stefanis	A. Ilderton	T.Frederico	B.Pasquini	
4:30 - 5:00	Salme	Polyzou	H. Choi	Ilderton	
5:00 - 5:30	Glazek	Chabysheva	Melo	Torgimsson	
5:30 - 6:00	Miller	Hiller	Rinaldi	Brodsky	
6:00 - 6:30	Liuti				
6:30 - 8:00	<i>Dinner in Hearth</i>		<i>Conference Dinner until 9:30</i>		
7:30 - 10:30	<i>ILCAC Meeting (off site)</i>				

Posters

Alfredo Vega U. ValparaAso	Nucleon structure including high Fock states in AdS/QCD models
Clayton Santos Mello ITA, Brazil	Electromagnetic Structure of the Rho meson
Jorge H. O. Sales UESC, Brazil	Cross-ladder diagrams via hierarchical equations
Gislan S. Santos UESC, Brazil	Why the light front time x^+ is the best time variable

Program Schedule

Monday, May 26		
7:45 - 8:15	<i>Breakfast Service in Hearth</i>	
8:15 - 8:30	Welcome and Opening Remarks	
8:30 - 9:00	Cedric Lorce IPN, Orsay	Spin structure of the nucleon on the light front
9:00 - 9:30	Guorong(Fan) Wang Nanjing, China	Problems related to Gauge invariance, Lorentz covariance, Canonical quantization applied in the nucleon structure study
9:30 - 10:00	Yong Zhao Maryland U.	Proton Spin Sum Rule in Large Momentum Effective Field Theory
10:00 - 10:30	Barbara Pasquini Pavia U.	Dispersive representation of Deeply Virtual Compton Scattering
10:30 - 11:00	<i>Break</i>	
11:00 - 11:30	Bernard Bakker VU, Amsterdam	Compton form factors in scalar QED at high virtuality
11:30 - 12:00	Pedro Jimenez-Delgado Jefferson Lab	Delineating the polarized and unpolarized parton structure of the nucleon
12:00 - 12:30	James Vary Iowa State	Computational Light-Front Hamiltonian Field Theory: Progress and Prospects
12:30 - 2:00	<i>Lunch in Hearth with <u>posters</u>***</i>	
2:00 - 2:30	Anatoly Radyushkin Jefferson Lab	Virtuality Distributions and $\gamma^* \rightarrow \pi^0$ Form Factor at Handbag Level
2:30 - 3:00	Nikolaos Stefanis Ruhr U., Bochum	On the π DA: derivation, properties, predictions
3:00 - 3:30	Ian Cloet ANL	Images of Dynamical Chiral Symmetry Breaking
3:30 - 4:00	Peter Tandy Kent State U.	Continuum QCD-modeling Results Projected onto the Light-Front
4:00 - 4:30	<i>Break</i>	
4:30 - 5:00	Giovanni Salme INFN, Rome	Could the forthcoming JLAB measurements of the ratio $\mu_p G^p_E / G^p_M$ open a new window on the non valence sector?

5:00 - 5:30	Stanislaw Glazek Warsaw U.	Proton radius puzzle in Hamiltonian dynamics
5:30 - 6:00	Gerald Miller UW, Seattle	b1 sensitivity to pion cloud and hidden color
6:00 - 6:30	Simonetta Liuti UVA	On the Observability of Quarks and Gluons Orbital Angular Momentum
6:30 - 8:00	Memorial Day Dinner	In Hearth
7:30 - 10:30	ILCAC Meeting	

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Clayton Santos Mello ITA, Brazil	Electromagnetic Structure of the Rho meson
Jorge H. O. Sales UESC, Brazil	Cross-ladder diagrams via hierarchical equations
Gislan S. Santos UESC, Brazil	Why the light front time x^+ is the best time variable

Tuesday, May 27		
7:45 - 8:30	<i>Breakfast Service in Hearth</i>	
8:30 - 9:00	Andreas Metz Temple U.	Transverse Single-Spin Asymmetries: Challenges and Recent Progress
9:00 - 9:30	Hrayr Matevosyan Adelaide U.	Transverse Spin Effects in Two Hadron Electroproduction.
9:30 - 10:00	Maarten Buffing VU, Amsterdam	Color effect for transverse momentum dependent parton distribution functions in hadronic processes?
10:00 - 10:30	Koichi Kanazawa Temple U.	New collinear twist-3 analysis of transverse SSA: Toward a solution for the sign-mismatch problem
10:30 - 11:00	<i>Break</i>	
11:00 - 11:30	Jen-Chieh Peng Illinois U., Urbana	Flavor Structure of Intrinsic Nucleon Sea
11:30 - 12:00	Wally Melnitchouk Jefferson Lab	Flavor asymmetries in the nucleon sea in chiral effective theory
12:00 - 12:30	Timothy Hobbs Indiana U.	Phenomenological implications of the nucleon's light meson cloud
12:30 - 2:00	<i>Lunch in Hearth</i>	
2:00 - 2:30	Michele Viviani Pisa U.	Quantitative studies of the Bethe-Salpeter equation in Minkowski space
2:30 - 3:00	Tobias Frederico ITA, Brazil	Bound states in Minkowski space in in 3+1 and 2+1 dimensions
3:00 - 3:30	Vladimir Karmanov Lebedev Inst.	Electrodisintegration of Bound System in the Minkowski Speace Bethe-Salpeter Approach
3:30 - 4:00	Teresa Pena CFIF, Lisbon	Confinement, quark mass functions, and pion structure in Minkowski space
4:00 - 4:30	<i>Break</i>	
4:30 - 5:00	Wayne Polyzou U. Iowa	Spin, cluster properties and dynamics in Poincar'e invariant quantum theories
5:00 - 5:30	Sophia Chabysheva UMN, Duluth	The light-front coupled-cluster method applied to - 1+1 theory
5:30 - 6:00	John Hiller UMN, Duluth	The Casimir effect in light-front quantization

Wednesday May 28		
7:45 - 8:30	<i>Breakfast Service in Hearth</i>	
8:30 - 9:00	Robert McKeown Jefferson Lab	Jefferson Lab Science: Present and Future
9:00 - 9:30	Andrea Ferrero CEA, France	The GPD physics program at COMPASS: present results and future perspectives
9:30 - 10:00	Latifa Elouadrhiri Jefferson Lab	TBA
10:00 - 10:30	Ihnjea Choi Illinois U., Urbana	Polarized Drell-Yan Physics at COMPASS
10:30 - 11:00	<i>Break</i>	
11:00 - 11:30	Christian Weiss Jefferson Lab	Light-front methods in next-generation nuclear physics at EIC
11:30 - 12:00	Sergio Scopetta Perugia U. and INFN	A Light-Front approach to the ^3He Spectral Function
12:00 - 12:30	Edward Davis Kuwait U.	Implications of the Oklo phenomenon using relativistic nuclear structure theory
12:30 - 1:00	<i>Lunch in Hearth</i>	
1:00 - 5:00	Excursion in Three Groups***	
6:30 - 9:30	Conference Dinner at Tally Center , Photo session, Awards	

*** Excursion

Group of Arts	North Carolina Museum of Art 2110 Blue Ridge Rd, Raleigh, NC 27607 (919) 839-6262
Group of History	North Carolina Museum of History 5 E Edenton St, Raleigh, NC 27601 (919) 807-7850
Group of Science	North Carolina Museum of Natural Sciences 11 W Jones St, Raleigh, NC 27601 (919) 707-9800

Thursday May 29		
7:45 - 8:30	<i>Breakfast Service in Hearth</i>	
8:30 - 9:00	Daniel Boer U. Groningen	Average transverse momentum quantities approaching the lightfront
9:00 - 9:30	Michael Engelhardt NMSU	Lattice QCD studies of transverse momentum-dependent parton distribution functions
9:30 - 10:00	Huey-Wen Lin UW, Seattle	Bjorken-x Dependence of Hadronic Structure from Lattice QCD
10:00 - 10:30	N. Kivel, Helmholtz Institute Mainz, Mainz	Wide Angle Compton Scattering within the SCET framework
10:30 - 11:00	<i>Break</i>	
11:00 - 11:30	Adnan Bashir UMSNH, Mexico	Assembling Hadrons from Quark-Gluon Pieces
11:30 - 12:00	Carina Popovici Graz U.	Meson phenomenology in a Bethe-Salpeter-equation approach
12:00 - 12:30	Eduardo Pena Universidade Cruzeiro do Sul	A survey of the mesons spectroscopy from a Bethe-Salpeter approach
12:30 - 2:00	<i>Lunch in Hearth</i>	
2:00 - 2:30	Anuradha Misra Mumbai U.	Single Spin Asymmetry in Charmonium Production
2:30 - 3:00	Xingbo Zhao Iowa State U.	Advances in Basis Light-front Quantization
3:00 - 3:20	Maria Gomez-Rocha U. Graz	Consequences of a dressed quark-gluon vertex in heavy-light mesons
3:20 - 3:40	Paul Wiecki Iowa State U.	Positronium in Basis Light-Front Quantization
3:40 - 4:00	Yang Li Iowa State U.	Bound States in Light Front Quantization
4:00 - 4:30	<i>Break</i>	
4:30 - 5:00	Ho-Meoyng Choi KNU, South Korea	Self-consistent covariant description of twist-3 distribution amplitudes of pseudoscalar and vector mesons in the light-front quark model
5:00 - 5:30	Joao Pacheco BC de Melo UNICSULA	Spin-1 Light-Front Prescriptions whitout Zero Modes
5:30 - 6:00	Matteo Rinaldi Perugia U. and INFN	Double parton distributions in Light-Front constituent quark models

Friday May 30		
7:45 - 8:30	<i>Breakfast Service in Hearth</i>	
8:30 - 9:00	Silas Beane UW. Seattle	Chiral sum rules on a light-like plane
9:00 - 9:30	Matthias Schindler South Carolina U.	Manifestly Lorentz-invariant baryon chiral perturbation theory
9:30 - 10:00	Paul Hoyer Helsinki U.	Bound states - from QED to QCD
10:00 - 10:30	Ruben Sandapen Moncton U.	Light-front holography in B physics
10:30 - 11:00	<i>Break</i>	
11:00 - 11:30	Jai More Mumbai U.	Application of Coherent State Approach for the cancellation of Infrared divergences to all order in LFQED
11:30 - 12:00	Usha Kulshreshtha U. Delhi	Vector Schwinger Model with a Photon Mass Term with Faddeevian Regularization
12:00 - 12:30	Daya Shankar Kulshreshtha U. Delhi	Quantization of the Restricted Gauge Theory of QCD ₂
12:30 - 2:00	<i>Lunch in Hearth</i>	
2:00 - 2:30	Arkadiusz Trawinski Warsaw U.	Universality of effective potentials in models of mesons
2:30 - 3:00	Jerzy A. Przeszowski U. Bialystok	Light-front quantization with explicit Lorentz symmetry for Yukawa model
3:00 - 3:30	Alfredo T. Suzuki UNESP	Zero Mode Effects for the Electromagnetic Currents in the Light Front: Fermion Case
3:30 - 4:00	Lubomir Martinovic	Solvable models with massless light-front fermions
4:00 - 4:30	<i>Break</i>	
4:30 - 5:00	Anton Ilderton Chalmers University of Technology	Zero-mode contribution to pair production in strong external fields
5:00 - 5:30	Greger Torgrimsson Chalmers U. Tech.	Vacuum birefringence and polarisation- in strong field lightfront QED
5:30 - 6:00	Stanley Brodsky SLAC, Stanford	Summary/Closing Talk: The Light-Front Shrodinger Equation and Color Confinement