

Light-Cone 2024: Hadron Physics in the EIC era

Monday, 25 November 2024

Plenary - Room-4, Meeting Center, Institute of Modern Physics, Chinese Academy of Sciences (09:30 - 10:30)

| time | [id] title | presenter |
|-------|--|-----------------------|
| 09:30 | [97] EicC | YANG, Jiancheng |
| 10:00 | [83] Exclusive reactions at Jefferson Lab and the future EIC | MUNOZ CAMACHO, Carlos |

Plenary - Room-4, Meeting Center, Institute of Modern Physics, Chinese Academy of Sciences (11:00 - 12:30)

| time | [id] title | presenter |
|-------|--|---------------------|
| 11:00 | [76] Perspectives on TMD phenomenology at future electron-ion colliders | Prof. RADICI, Marco |
| 11:30 | [73] Progress on generalized parton distributions and gravitational form factors | KUMANO, Shunzo |
| 12:00 | [60] Probing the Quark Orbital Angular Momentum at EIC and EicC | Prof. ZHOU, Jian |

Tuesday, 26 November 2024

Plenary - Room-4, Meeting Center, Institute of Modern Physics, Chinese Academy of Sciences (09:00 - 10:30)

| time | [id] title | presenter |
|-------|--|-------------------|
| 09:00 | [99] Basis Light-Front Quantization: recent results and future prospects | VARY, James |
| 09:30 | [135] Gluon mass and small α_s in QCD Hamiltonian for hadronic constituents | GLAZEK, Stanislaw |
| 10:00 | [101] Nucleon charge and gravitational radii | GUO, Fengkun |

Plenary - Room-4, Meeting Center, Institute of Modern Physics, Chinese Academy of Sciences (11:00 - 12:30)

| time | [id] title | presenter |
|-------|---|----------------|
| 11:00 | [100] Light-Front Physics from Continuum Schwinger Function Methods | ROBERTS, Craig |
| 11:30 | [110] PDF Global Analysis with Lattice-QCD Input | HOU, Tiejun |
| 12:00 | [102] Lambda polarization in deep inelastic scattering | LIU, Tianbo |

Wednesday, 27 November 2024

Plenary - Room-4, Meeting Center, Institute of Modern Physics, Chinese Academy of Sciences (09:00 - 10:30)

| time | [id] title | presenter |
|-------|--|-----------------|
| 09:00 | [103] The physics program and the project status of Super Tau Charm Facility | ZHENG, Yangheng |
| 09:30 | [79] Hadron productions in the BESIII experiment | LYU, Xiao-Rui |
| 10:00 | [104] China Hyperon-Nuclear Spectrometer (CHNS) | ZHAO, Yuxiang |

Plenary - Room-4, Meeting Center, Institute of Modern Physics, Chinese Academy of Sciences (11:00 - 12:30)

| time | [id] title | presenter |
|-------|--|----------------|
| 11:00 | [109] Spin alignments of vector mesons in high energy reactions | LIANG, Zuotang |
| 11:30 | [116] Parton structure of heavy meson from Lattice QCD | WANG, Wei |
| 12:00 | [111] Probing Meson Structure via Lattice QCD: Electromagnetic Form Factors at High Momenta and Generalized Parton Distributions | DING, Hengtong |

Thursday, 28 November 2024

Plenary - Room-4, Meeting Center, Institute of Modern Physics, Chinese Academy of Sciences (11:00 - 12:30)

| time | [id] title | presenter |
|-------|---|-----------------------|
| 11:00 | [78] Bridge between QCD and Light-Front Quark Model | JI, Chueng-Ryong |
| 11:30 | [115] Parton Fragmentation Functions from NPC | XING, Hongxi |
| 12:00 | [47] A new kind of TMDs inspired by the factorization theorem | Prof. ANIKIN, Igor V. |

Friday, 29 November 2024

Plenary - Room-4, Meeting Center, Institute of Modern Physics, Chinese Academy of Sciences (09:00 - 10:30)

| time | [id] title | presenter |
|-------|---|-------------------------|
| 09:00 | [16] Covariant two-body currents in light front quantum mechanics | POLYZOU, Wayne |
| 09:30 | [13] nucleon energy correlator | Prof. LIU, Xiaohui |
| 10:00 | [17] Nucleon and pion structure in Minkowski space | Prof. FREDERICO, Tobias |

Plenary - Room-4, Meeting Center, Institute of Modern Physics, Chinese Academy of Sciences (11:00 - 12:30)

| time | [id] title | presenter |
|-------|--|--------------|
| 11:00 | [96] Holographic spin alignment for vector mesons | HOU, Defu |
| 11:30 | [81] Trace Anomaly and Sigma Terms of Baryons from Lattice QCD | HU, Bolun |
| 12:00 | [49] PDF of Deuteron-like Di-baryon system on Lattice QCD | Mr SUN, Peng |

Plenary - Room-4, Meeting Center, Institute of Modern Physics, Chinese Academy of Sciences (14:00 - 15:30)

| time | [id] title | presenter |
|-------|--|-------------|
| 14:00 | [118] Some recent progress in hard exclusive processes | JIA, Yu |
| 14:30 | [119] Recent results on nucleon spin structure from RHIC | XU, Qinghua |
| 15:00 | [120] Generalized parton distributions of the proton from nonlocal chiral effective theory | WANG, Ping |

Plenary - Room-4, Meeting Center, Institute of Modern Physics, Chinese Academy of Sciences (16:00 - 17:30)

| time | [id] title | presenter |
|-------|---|---------------------|
| 16:00 | [90] Light mesons in the Instanton Liquid Model on the light cone | Prof. ZAHED, Ismail |
| 16:30 | [89] Relativistic ^3He light-front wave function | KARMANOV, V.A. |
| 17:00 | [19] Gravity as a probe of hadron structure | TERYAEV, Oleg |