

Session Program

21-22 Nov 2024



CTEQ Fall meeting 2024

Public Session

Christopher Newport University, Tribble Library Theater
1 Avenue of the Arts, Newport News, VA 23606, USA

Thursday 21 November

09:00

Public Session

Session |

Location: Christopher Newport University, Tribble Library Theater, 1 Avenue of the Arts, Newport News, VA 23606, USA

09:00–09:15

Welcome by Dr. Quentin Kidd, CNU Provost and Executive Vice President

09:15–09:30

Workshop overview

Speaker

Alberto Accardi

09:30–10:00

Automated studies of PDF parametrizations

Speaker

Aurore Courtoy

10:00–10:30

Jets in DIS: Present and Future

Speaker

Miguel Arratia Munoz

10:30

11:00

Public Session

Session |

Location: Christopher Newport University, Tribble Library Theater, 1 Avenue of the Arts, Newport News, VA 23606, USA

11:00–11:30

QCD opportunities at JLab with 12 GeV positrons and 22 GeV Electrons

Speaker

Cynthia (Thia) Keppel

11:30–12:00

Towards a parton shower with next-to-leading order splitting functions

Speaker

Prof. Davison Soper

12:00–12:20

Evidence for Modified Quark-Gluon Distributions in Nuclei by Correlated Nucleon Pairs

Speaker

Prof. Fred Olness

12:20–12:30

Discussion

12:30

14:00

Public Session**Session** |**Location:** Christopher Newport University, Tribble Library Theater, 1 Avenue of the Arts, Newport News, VA 23606, USA

14:00–14:30

Alpha strong determination with JLab experimental data**Speaker**

Alexandre Deur

14:30–14:50

Extraction of Parton Structure including Lattice QCD**Speaker**

Dr Joseph Karpie

14:50–15:10

Collins-Soper kernel from collinear factorization**Speaker**

Matteo Cerutti

15:10–15:30

Discussion

15:30

16:00

Public Session**Session** |**Location:** Christopher Newport University, Tribble Library Theater, 1 Avenue of the Arts, Newport News, VA 23606, USA

16:00–16:30

GMVFN scheme implementations with Subtraction and Residual PDFs for processes at hadron colliders**Speaker**

Marco Guzzi

16:30–16:50

Fast NNLO Implementation of the approximate ACOT scheme for DIS**Speaker**

Peter Risse

16:50–17:10

News from the CTEQ-TEA global analysis**Speaker**

Prof. Pavel Nadolsky

17:10–17:30

Discussion

17:30

Friday 22 November

09:00

Public Session

Session |

Location: Christopher Newport University, Tribble Library Theater, 1 Avenue of the Arts, Newport News, VA 23606, USA

09:00–09:20

PVDIS investigations with SoLID detector

Speaker

Michael Nycz

09:20–09:40

Impact of parity-violating deep-inelastic scattering on the nucleon strangeness and weak mixing angle

Speaker

Richard Whitehill

09:40–10:00

Pixelizing Quantum-Correlation Functions: A Novel Approach for Hadron Structure Studies

Speaker

Marco Zaccheddu

10:00–10:20

New Measurements of the Deuteron to Proton F2 Structure Function Ratio at Hall C, Jefferson Lab

Speaker

Debaditya Biswas

10:20–10:30

Discussion

10:30

11:00

Public Session

Session |

Location: Christopher Newport University, Tribble Library Theater, 1 Avenue of the Arts, Newport News, VA 23606, USA

11:00–11:20

Systematic uncertainties from the implementation of higher twists in QCD analyses

Speaker

Sanghwa Park

11:20–11:40

Uncertainty quantification with discrepant data sets

Speaker

Kirtimaan Ajaykant Mohan

11:40–12:10

Systematic uncertainties in PDF fits

Speaker

Prof. Pavel Nadolsky

12:30

12:10-12:30

Discussion