

CFNS Annual Review 2019



Report of Contributions

Contribution ID: 53

Type: **not specified**

Welcome & The Overview of the Center's Activities in 2018-2019

Thursday, 5 December 2019 09:00 (30 minutes)

Presenter: DESHPANDE, Abhay (Stony Brook University & BNL)

Contribution ID: 54

Type: **not specified**

Jets and JETSCAPE for an EIC

Thursday, 5 December 2019 09:30 (25 minutes)

Presenter: KAUDER, Kolja

Session Classification: Day 1

Contribution ID: 55

Type: **not specified**

Elastic Electron (Positron) - Proton Scattering at the EIC

Thursday, 5 December 2019 09:55 (25 minutes)

Presenter: SCHMOOKLER, Barak (Stony Brook University)

Session Classification: Day 1

Contribution ID: 56

Type: **not specified**

A journey from the LHC to an EIC with a shortstop at RHICand HERA

Thursday, 5 December 2019 10:20 (25 minutes)

Presenter: TU, Zhoudunming (BNL)

Session Classification: Day 1

Contribution ID: 57

Type: **not specified**

Studies on the QCD energy momentum Tensor and Loffe Time behavior of PDFs and GPDs

Thursday, 5 December 2019 11:15 (25 minutes)

Presenter: RAJAN, Abha (Brookhaven National Laboratory)

Session Classification: Day 1

Contribution ID: 58

Type: **not specified**

Current work and plans

Thursday, 5 December 2019 11:40 (25 minutes)

Presenter: BOUSSARIE, Renaud (Brookhaven National Lab)

Session Classification: Day 1

Contribution ID: 59

Type: **not specified**

JET SUBSTRUCTURE OBSERVABLES WITH DYNAMICAL GROOMING

Thursday, 5 December 2019 12:05 (25 minutes)

Presenter: SOTO-ONTOSO, Alba

Session Classification: Day 1

Contribution ID: **60**

Type: **not specified**

My background and plan for CFNS

Thursday, 5 December 2019 14:25 (25 minutes)

Presenter: MONDAL, Mriganka (Stony Brook University)

Session Classification: Day 1

Contribution ID: 61

Type: **not specified**

Measurement of the $\pi\pi \rightarrow \pi\pi$ Process and its Angular Correlations

Thursday, 5 December 2019 14:00 (25 minutes)

Presenter: BRANDENBURG, Daniel (Brookhaven National Laboratory)

Session Classification: Day 1

Contribution ID: 62

Type: **not specified**

Towards the Electron Ion Collider: Polarimeter, Simulation, and GPD with PARTONS

Thursday, 5 December 2019 14:50 (25 minutes)

Presenter: ZHANG, Jinlong (Stony Brook University)

Session Classification: Day 1

Contribution ID: **63**

Type: **not specified**

TBD

Presenter: CHEN, Zhenyu (Stony Brook University)

Session Classification: Day 2

Contribution ID: **64**

Type: **not specified**

TBD

Presenter: ZHAO, Yuxiang (Stony Brook University)

Session Classification: Day 2

Contribution ID: 65

Type: **not specified**

EIC R&D: sTGC

Thursday, 5 December 2019 15:45 (25 minutes)

Presenter: UPSAL, Isaac (BNL & Shandong)

Session Classification: Day 1

Contribution ID: **66**

Type: **not specified**

From Parity Violating electron Scattering to the EIC

Thursday, 5 December 2019 17:00 (25 minutes)

Presenter: GAL, Ciprian (Stony Brook University)

Session Classification: Day 1

Contribution ID: 67

Type: **not specified**

TBD

Presenter: TARASOV, Andrey (Brookhaven National Laboratory)

Session Classification: Day 2

Contribution ID: **68**

Type: **not specified**

Committee: Breakfast and Executive Session

Thursday, 5 December 2019 08:00 (45 minutes)

Contribution ID: 69

Type: **not specified**

Welcome & The Overview of the Center's Activities in 2018-2019

Presenter: DESHPANDE, Abhay (Stony Brook University)

Session Classification: Day 1

Contribution ID: 70

Type: **not specified**

TBD

Presenter: CORLISS, Ross (SBU)

Session Classification: Day 2

Contribution ID: 71

Type: **not specified**

QCD Jet and TMD Resummation

Friday, 6 December 2019 09:00 (20 minutes)

Presenter: Dr SHAO, Dingyu (UCLA & CFNS)

Session Classification: Day 2

Contribution ID: 72

Type: **not specified**

EIC interaction region: JLEIC Current work and plans

Friday, 6 December 2019 09:20 (20 minutes)

Presenter: BATURIN, Vitaly (Old Dominion University and CFNS)

Session Classification: Day 2

Contribution ID: 73

Type: **not specified**

NLO impact factor for photon+dijet production in e+A DIS at small x

Thursday, 5 December 2019 16:35 (25 minutes)

Presenter: ROY, Kaushik (Stony Brook University and Brookhaven National Laboratory)

Session Classification: Day 1

Contribution ID: 74

Type: **not specified**

Precision Jet (Event) Substructure

Thursday, 5 December 2019 16:10 (25 minutes)

Presenter: CHIEN, Yang-Ting (MIT)

Session Classification: Day 1

Contribution ID: 75

Type: **not specified**

**Committee: Breakfast and Executive Session
(Physics Department, bldg. 510, Orange Room)**

Friday, 6 December 2019 08:00 (45 minutes)

Contribution ID: 76

Type: **not specified**

Transverse momentum dependent distributions and the hadron as a many-body parton system

Friday, 6 December 2019 09:40 (20 minutes)

Presenter: TARASOV, Andrey (The Ohio State University & CFNS)

Session Classification: Day 2

Contribution ID: 77

Type: **not specified**

TPC Space Charge Distortions in sPHENIX and Onward

Friday, 6 December 2019 10:00 (20 minutes)

Presenter: CORLISS, Ross (SBU & CFNS)

Session Classification: Day 2

Contribution ID: 78

Type: **not specified**

Polarization effects in Sartre and decay angular distributions of e^+e^-

Thursday, 5 December 2019 17:25 (20 minutes)

Presenter: Ms VIJAYAKUMAR, Athira

Session Classification: Day 1