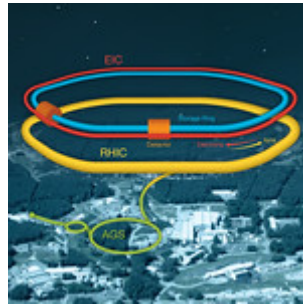


Session Program

Jun 1 - 12, 2026



The 2026 CFNS Summer School on the Physics of the Electron-Ion Collider

Participant Presentations

Physics Building; CFNS, C120
Peter Paul Seminar Room, C 120 Physics Building Center for Frontiers in Nuclear Science at Stony
Brook University

Fri, June 12

2:30 PM

Participant Presentations: Participant Talks

Session |

Location: Physics Building; CFNS, C120, Peter Paul Seminar Room, C 120 Physics Building Center for Frontiers in Nuclear Science at Stony Brook University

2:30 - 2:35 PM **Quarkonia as the probe of QGP**

Speaker

Sabin Thapa

2:35 - 2:40 PM **The Forgotten Ones: DIS structure functions F4, F5 and F6**

Speaker

Edoardo Spezzano

2:40 - 2:45 PM

Development of event extraction software for streaming DAQ in the EIC-ePIC experiment

Speaker

Takuya Kumaoka

2:45 - 2:50 PM **Jet Quenching and the role of Fluctuations.**

Speaker

Umair Ahmad

2:50 - 2:55 PM **charmed Hypernuclei and Scintillating-Fiber Detector R&D**

Speaker

Marceline Myers

2:55 - 3:00 PM **Four-pions states in ultra-peripheral collisions with ALICE**

Speaker

Cesar Omar Ramirez Alvarez

3:00 - 3:05 PM

MOLLER: an ultra precise measurement of the weak mixing angle at JLab

Speaker

Sayak Chatterjee

3:05 - 3:10 PM **MOLLER experiment equipment overview**

Speaker

Sudip Bhattarai

3:10 - 3:15 PM **W⁺/W⁻ cross-section ratio measurements at STAR**

Speaker

Mayank Pal

3:15 - 3:20 PM

DIS dijet production in background field approach: General formalism and methods

Speaker
Tiyasa Kar

3:20 - 3:25 PM **A new optimized optics for the second detector at the EIC**

Speaker
Krishan Gopal

3:25 - 3:30 PM **Derivation of the Wigner Operator from First Principles**

Speaker
Daniel Piasecki

3:30 - 3:35 PM **ePIC pFRICH Laser monitoring system**

Speaker
Zakia Sultana Tithi

3:35 - 3:40 PM

Understanding Quantum Decoherence during Hadronization with Hyperon Spin Correlation"

Speaker
Feng Liu

3:40 - 3:45 PM **Toward lattice calculation of Gluon GPD**

Speaker
Sicheng Liu

4:30 PM