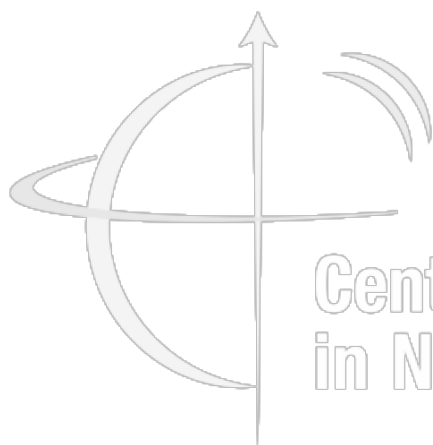


## **Session Program**

**Jun 22 - 26, 2026**



Center for Frontiers  
in Nuclear Science

**Light Cone 2026: Applications at EIC era (LC  
2026)**

**Quantum Computing, AI, and Computational  
Methods**

Stony Brook University/Online, CFNS, Peter Paul Seminar Room, C 120 Physics Building

## Fri, June 26

9:00 AM

### Quantum Computing, AI, and Computational Methods

**Session** | **Location:** Stony Brook University/Online, CFNS, Peter Paul Seminar Room, C 120 Physics Building

9:00 - 9:30 AM

#### Light Front Calculations on Quantum Computers

**Speaker**

Peter Love

9:30 - 9:55 AM

#### String breaking in the Schwinger model: jet fragmentation and thermalization

**Speaker**

David Frenklakh

9:55 - 10:15 AM

#### Machine-Learning-Assisted Fock-Space Truncation for Light-Front Hamiltonian Calculations

**Speaker**

Jie Pan

10:15 AM

10:35 AM

### Quantum Computing, AI, and Computational Methods

**Session** | **Location:** Stony Brook University/Online, CFNS, Peter Paul Seminar Room, C 120 Physics Building

10:35 - 11:05 AM

#### Quasi-GPDs in the Massive Schwinger Model using Tensor Networks

**Speaker**

Jake Montgomery

11:05 - 11:45 AM

#### Toward quantum simulations of lattice field theory in 2+1 dimensions

**Speaker**

Felix Ringer

11:45 AM - 12:05 PM

#### JIMWLK on a quantum computer

**Speaker**

Shaswat Tiwari

12:05 PM