Session Program

Nov 28 – 30, 2018

Inaugural Symposium and the first review of the Center for Frontiers in Nuclear Science

Day 1

CFNS Stony Brook, Simons Center 102 & Physics C120
Stony Brook University Bluejeans: https://bluejeans.com/211982127

Wed, November 28

8:45 AM

Day 1: Morning - 1

Session | **Convener:** Barbara Jacak

8:45 – 8:55 AM **Welcome**

Speaker
Doon Gibbs

Location
Simons Center , Lecture Hall 102

8:55 – 9:00 AM **Orientation, practical things**

Speaker
Abhay Deshpande

Location
Simons Center, Lecture Hall 102

9:00 – 9:45 AM **Overview of the US nuclear science LRP2015 and future directions**

Speaker
Donald Geesaman

Location
Simons Center, Lecture Hall 102

9:45 – 10:30 AM **Excitement and Challenges in Nuclear Structure: Science of FRIB**

Speaker
Witold Nazarewicz

Location
Simons Center, Lecture Hall 102

10:30 AM

11:00 AM

Day 1: Morning - 2

Session | **Convener:** Zein-Eddine Meziani

11:00 – 11:45 AM **Fundamental Symmetries and Neutrinos in Nuclear Physics**

Speaker
John Wilkerson

Location
Simons Center, Lecture Hall 102

11:45 AM – 12:30 PM

Challenges in Perturbative QCD and the Nonperturbative Interface

Speaker
George Sterman

Location
Simons Center , Lecture Hall 102

12:30 PM

2:00 PM

Day 1: Afternoon 1

Session | **Convener:** Peter Petreczky

2:00 – 2:45 PM **Lattice QCD and EIC**

Speaker
William Detmold

Location
Simons Center, Lecture Hall 102

2:45 – 3:30 PM **3D Structure of QCD and Entanglement**

Speaker
Piet Mulders

Location
Simons Center , Lecture Hall 102

3:30 PM

4:00 PM

Day 1: Afternoon 2

Session | **Convener:** Werner Vogelsang

4:00 – 4:45 PM **QCD and Quantum Computing**

Speaker
Martin Savage

Location
Simons Center, Lecture Hall 102

4:45 – 5:30 PM **QCD and Gravity**

Speaker
Walter Goldberger

Location
Simons Center , Lecture Hall 102

5:30 PM