

HUGS

From 12 GeV to EIC - II

TOPICS

Introduction to QCD

Carlota Andrés Casas (JLab)

Nucleon Spin Structure and Parity Violation in Electron-Nucleon Scattering

Xiaochao Zheng (UVA)

Nuclear Structure and Reactions at NSCL and FRIB through the Lens of Astrophysics

Chris Wrede (MSU)

Applications of Nuclear Physics

Drew Weisenberger and Cynthia Keppel (JLab)

Electron-Ion Collider: A New Frontier in Nuclear Science

Markus Diefenthaler (JLab)

Parton Distribution Functions in the EIC Era

Pavel Nadolsky (SMU)

Lattice QCD - From the 12 GeV to the Exascale/EIC Eras

Martha Constantinou (Temple)

Jets and Hadronization in a Nuclear Environment

Abhijit Majumder (Wayne State)

3D/Spin Structure of Nucleons in the 12 GeV/EIC Era

Barbara Pasquini (Pavia Univ./INFN Pavia)

MAY 28-JUNE 14, 2019

The Hampton University Graduate Summer (HUGS) program at Jefferson Lab is a summer school designed for graduate students with at least one year of research experience, and focuses primarily on experimental and theoretical topics of current interest in the physics of strong interactions. The program is simultaneously intensive, friendly, and casual, providing students many opportunities to interact with internationally renowned lecturers and Jefferson Lab staff, as well as with other graduate students and visitors.

APPLICATION DEADLINE: MARCH 16, 2019

www.jlab.org/HUGS

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