



HUGS 2016

MAY 30 – JUNE 18, 2016

The HUGS at Jefferson Lab summer school is designed for graduate students with at least one year of research experience, and focuses primarily on experimental and theoretical topics of current interest in strong interaction physics. 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.

PROGRAM TOPICS WILL INCLUDE:

- **Introduction to QCD** – Andrey Tarasov (Jefferson Lab, USA)
- **Parton Distribution Functions** – Amanda Cooper-Sarkar (U. of Oxford, UK)
- **TMDs and Quantum Entanglement** – Christine Aidala (U. of Michigan, USA)
- **Nucleon Spatial Imaging** – Julie Roche (Ohio U, USA)
- **QCD and Hadron Structure** – Marcus Diehl (DESY, Germany)
- **Effective Field Theories** – Emilie Passemar (Indiana U., USA)
- **Neutron Skins in Nuclei** – Jorge Piekarewicz (Florida State U., USA)

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www.jlab.org/HUGS

**APPLICATION
DEADLINE:**
MARCH 15, 2016