



EXPERIMENTAL HALL C

at Thomas Jefferson National Accelerator Facility

The High Momentum Spectrometer, Super High Momentum Spectrometer and specialized equipment enable experiments for studying:

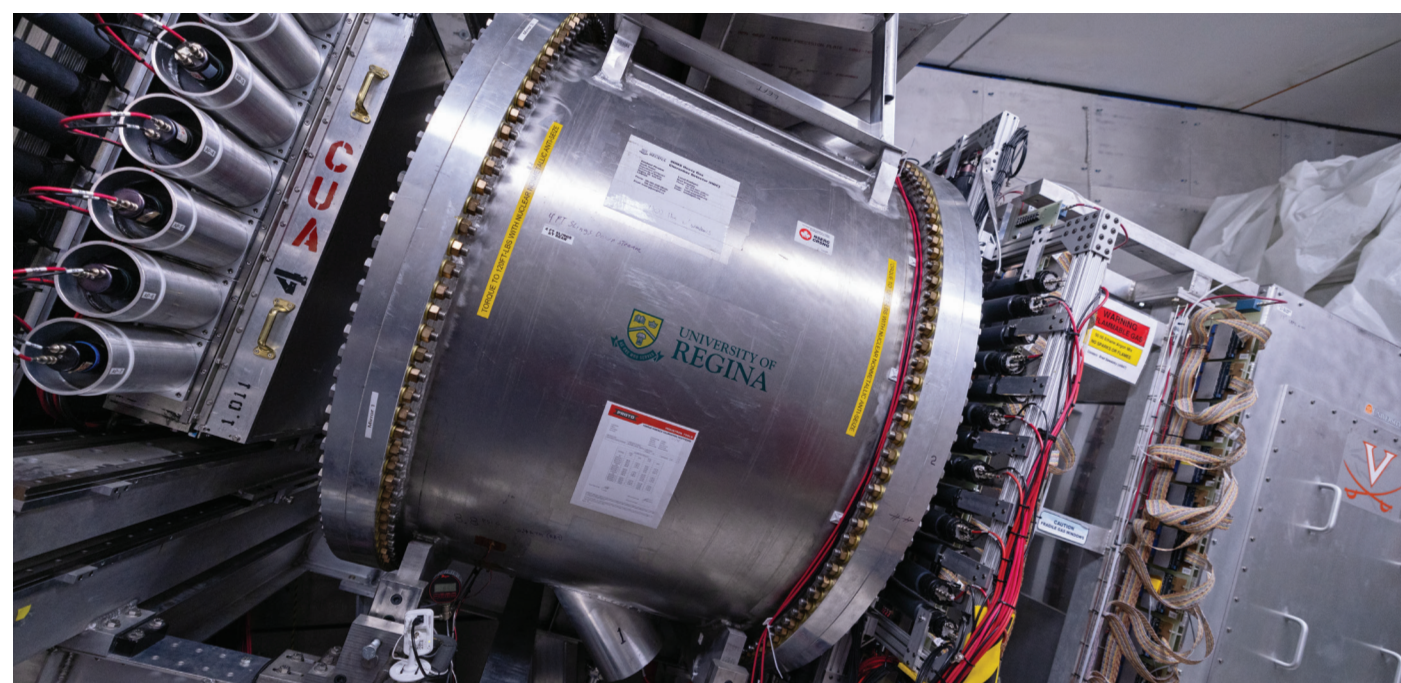
- Structure of light-quark mesons
- Partonic structure of the nucleon
- Validation of 3D imaging
- Superfast quarks in nuclei
- Nuclei with a strange quark embedded
- Nuclear structure at short distances

Hall C's international collaboration of scientists represents more than 40 institutions and 9 countries.

9 COUNTRIES

Armenia, Canada, China, Croatia, France, Japan, Saudi Arabia, United Kingdom, and United States

Jefferson Lab



The SHMS detector stack inside Experimental Hall C at Jefferson Lab.

40+ INSTITUTIONS

A.I. Alikhanyan National Science Laboratory (Yerevan Physics Institute); Argonne National Laboratory; **California State University, Los Angeles***; Christopher Newport University; Duke University; **Florida International University***; **Hampton University***; Istituto Nazionale di Fisica Nucleare (INFN) – Sezione di Bari, Sezione di Catania, Sezione di Genova, Sezione di Roma; James Madison University; King Saud University; Kyoto University; Laboratoire de Physique des 2 Infinis Irène Joliot-Curie (IJCLab); Lawrence Berkeley National Laboratory; Louisiana Tech University; Mississippi State University; **New Mexico State University***; **North Carolina Agricultural and Technical State University***; Ohio University; Old Dominion University; Stony Brook, State University of New York; Syracuse University; Temple University; The Catholic University of America; Tohoku Medical and Pharmaceutical University; Tohoku University; Tsinghua University; Université Paris-Saclay; University of California, Riverside; University of Colorado; University of Connecticut; University of Glasgow; University of Illinois Chicago; University of Manitoba; University of New Hampshire; University of Regina; University of Tennessee, Knoxville; University of Tokyo; University of Virginia; University of York; University of Zagreb; Virginia Military Institute; Virginia Tech; Virginia Union University; William & Mary

- * U.S. Historically Black Colleges and Universities
- U.S. Hispanic-Serving Institutions