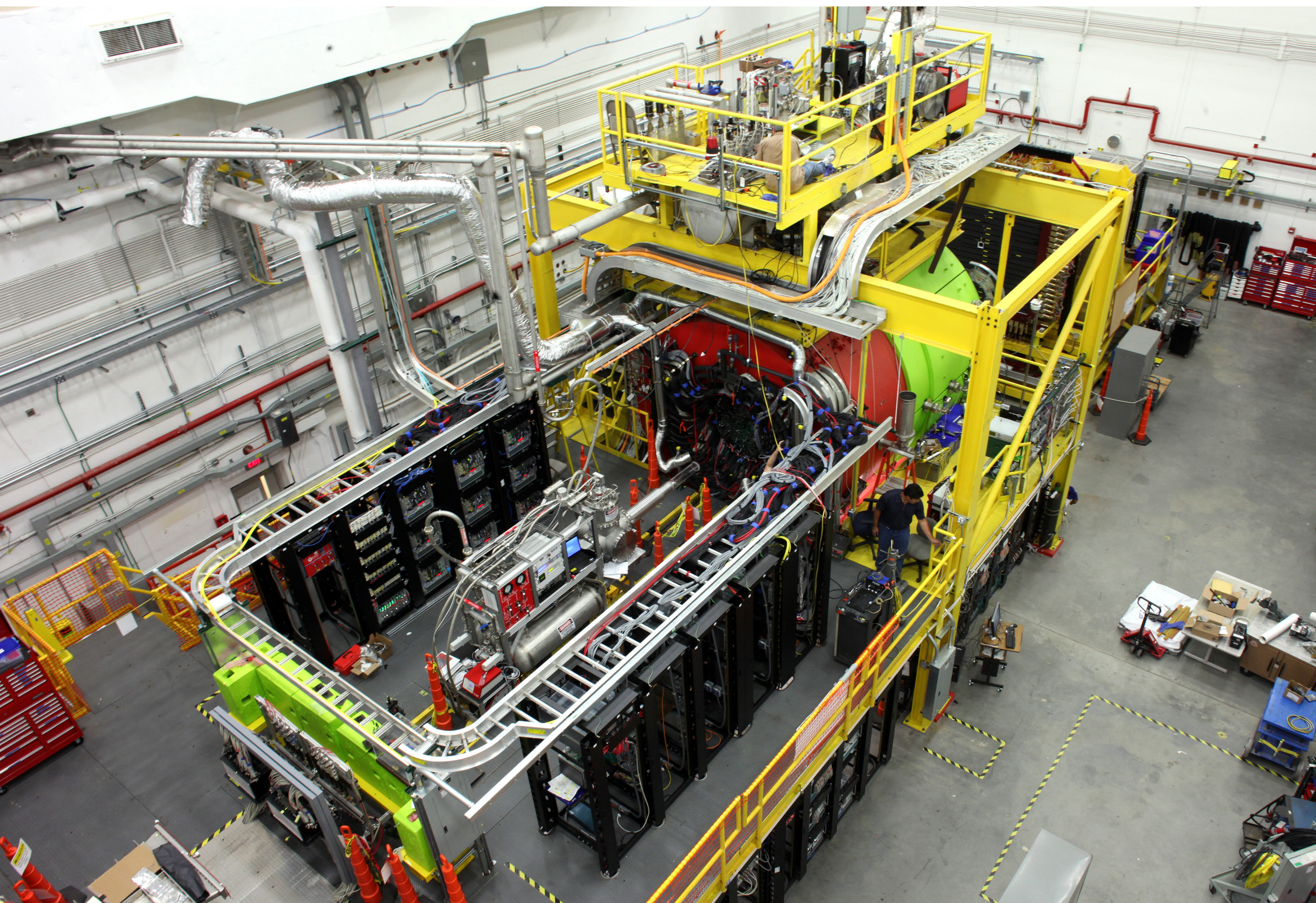


# EXPERIMENTAL HALL D

at Thomas Jefferson National Accelerator Facility



**The GlueX Large Acceptance Spectrometer with linearly polarized photoproduction allows experiments for exploring:**

- The spectrum of exotic-quantum-number mesons to reveal the role of gluons in the spectrum of mesons
- Measurements of the width of pseudoscalar mesons, and of the pion polarizability in Primakoff reactions
- Rare decays of the eta-meson
- Baryon spectroscopy

An international collaboration of scientists participate in experiments carried out in Hall D. Hall collaborators represent more than 25 institutions and 9 countries.

## 25+ Institutions

A.I. Alikhanian National Science Laboratory (Yerevan Physics Institute); Arizona State University; Carnegie Mellon University; Florida International University; Florida State University; GSI Helmholtzzentrum für Schwerionenforschung GmbH; Indiana University; Institute for Theoretical and Experimental Physics (ITEP); Massachusetts Institute of Technology; National and Kapodistrian University of Athens; National Research Nuclear University (MEPhI); Norfolk State University; North Carolina A&T State University; Northwestern University; The Catholic University of America; Universidad Técnica Federico Santa María; University of Connecticut; University of Glasgow; University of Massachusetts; University of North Carolina at Wilmington; University of Regina; The George Washington University; Tomsk Polytechnic University; Tomsk State University; William & Mary; and Wuhan University

## 9 Countries

Armenia, Canada, Chile, China, Greece, Germany, Russia, United Kingdom, and United States