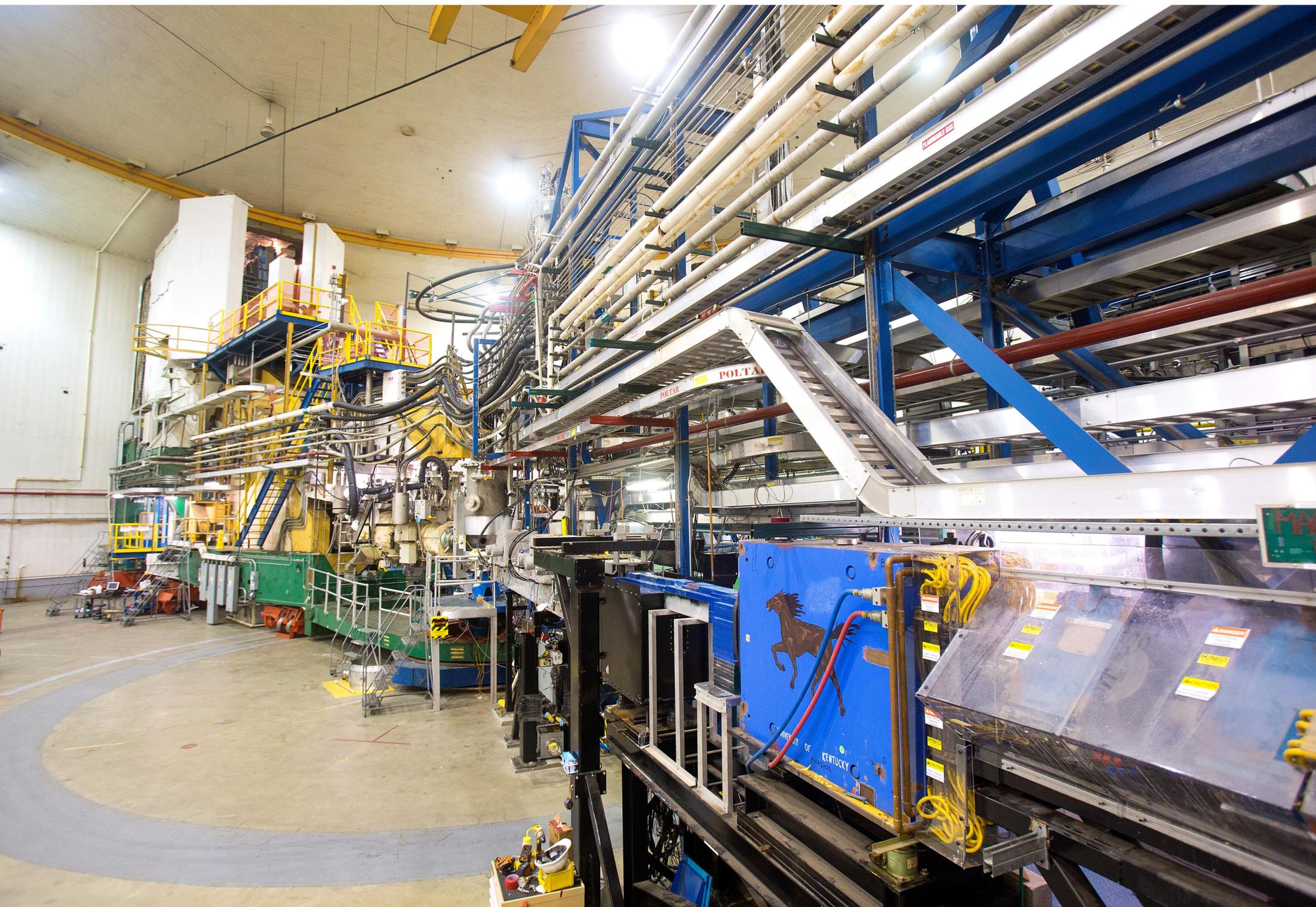


EXPERIMENTAL HALL A

at Thomas Jefferson National Accelerator Facility



Magnetic spectrometers in Hall A – combined with the infrastructure to install large, diverse and additional detector systems – allow experiments focusing on:

- Nucleon charge and magnetic structure
- Precision 3D momentum imaging of the neutron
- Precision tests beyond the Standard Model
- Nuclear constraints for dense astrophysical systems
- Nuclei with a strange quark embedded

An international collaboration of scientists participate in experiments carried out in Hall A. Hall collaborators represent more than 130 institutions and 24 countries.

130+ Institutions

Argonne National Laboratory; A.I. Alikhanian National Science Laboratory (Yerevan Physics Institute); Bluffton University; Boston University; Brookhaven National Laboratory; Budker Institute of Nuclear Physics; Cairo University; California State University, Los Angeles and Sacramento; Carnegie Mellon University; CEA Le Service de Physique Nucléaire Saclay; China Institute of Atomic Energy; Christopher Newport University; Columbia University; Demokritos National Center for Scientific Research; U.S. Department of Homeland Security; Duke University; Duquesne University; Faculté des Sciences de Monastir; Fairfield University; Fermi National Accelerator Laboratory; Flinders University; Florida International University; Forschungszentrum Juelich - Institut für Kernphysik; Hampton University; Harvard University; Huangshan University; Huazhong Normal University; Idaho State University; Indiana University; Institut de Physique Nucléaire, Orsay; Institut National des Sciences et Techniques Nucléaires, Grenoble; Institute for Theoretical and Experimental Physics (ITEP); Institute of High Energy Physics, Chinese Academy of Sciences; Institute of Modern Physics, Chinese Academy of Sciences; Istituto Nazionale di Fisica Nucleare (INFN) – Gruppo Collegato Sanità, Laboratori Nazionali di Frascati, Sezione di Bologna, Sezioni di Cagliari, Sezione di Lecce, Sezione di Padova, Sezione di Perugia, Sezione Roma Tor Vergata, Sezione di Torino, and Trento Institute for Fundamental Physics and Applications; James Madison University; Jazan University; Johannes Gutenberg University; Johns Hopkins University; Joint Institute For Nuclear Research; Jozef Stefan Institute; KEK (High Energy Accelerator Research Organization); Kent State University; Kharkov Institute of Physics and Technology; Kyungpook National University; Laboratoire de Physique Corpusculaire; Lanzhou University; Lawrence Berkeley National Laboratory; Lawrence Livermore National Laboratory; Longwood College; Los Alamos National Laboratory; Louisiana Tech University; Massachusetts Institute of Technology; Michigan State University; Mississippi State University; Negev Nuclear Research Center; New Mexico State University; New York University; Nihon University; Norfolk State University; North Carolina A&T State University; North Carolina Central University; Northern Michigan University; Northwestern University; Nuclear Physics Institute (ASCR); Oak Ridge National Laboratory; Occidental College; Ohio University; Okayama University; Old Dominion University; Osaka Electro-Communication University; Peking University; Pennsylvania State University; Perimeter Institute for Theoretical Physics; Princeton University; Riken Nishina Center for Accelerator-Based Science; Rutgers University; Saint Norbert College; Seoul National University; Shandong University; Southern University at New Orleans; St Mary's University; SLAC National Accelerator Laboratory; Stanford University; Stony Brook, State University of New York; Syracuse University; Technical University of Munich; Temple University; The Catholic University of America; The George Washington University; The University of Winnipeg; Tohoku University; TRIUMF; Tsinghua University; Universidad Metropolitana; Universidad Nacional Autónoma de México; Universidad Técnica Federico Santa María; Università degli studi di Bari Aldo Moro; Università degli studi di Catania; Università degli studi di Ferrara; Università degli studi di Genova; Università degli studi di Pavia; Université Blaise Pascal; University of Birmingham; University of British Columbia; University of California, Berkeley; University of Chemical Technology & Metallurgy; University of Connecticut; University of Edinburgh; University of Glasgow; University of Illinois at Urbana-Champaign; University of Kentucky; University of Ljubljana; University of Manitoba; University of Maryland; University of Massachusetts; University of New Hampshire; University of New Mexico; University of Northern British Columbia; University of Regina; University of Richmond; University of Rome; University of Saskatchewan; University of Science and Technology of China; University of South Carolina; University of Southern California, Los Angeles; University of Tel Aviv; University of Tennessee; University of Tübingen; University of Virginia; University of Zagreb; Virginia Tech; Virginia Union University; William & Mary; and Yale University

24 Countries

Armenia, Australia, Bulgaria, Canada, Chile, China, Croatia, Czechoslovakia, Egypt, France, Germany, Greece, Israel, Italy, Japan, South Korea, Mexico, Russia, Saudi Arabia, Slovenia, Tunisia, Ukraine, United Kingdom, and United States