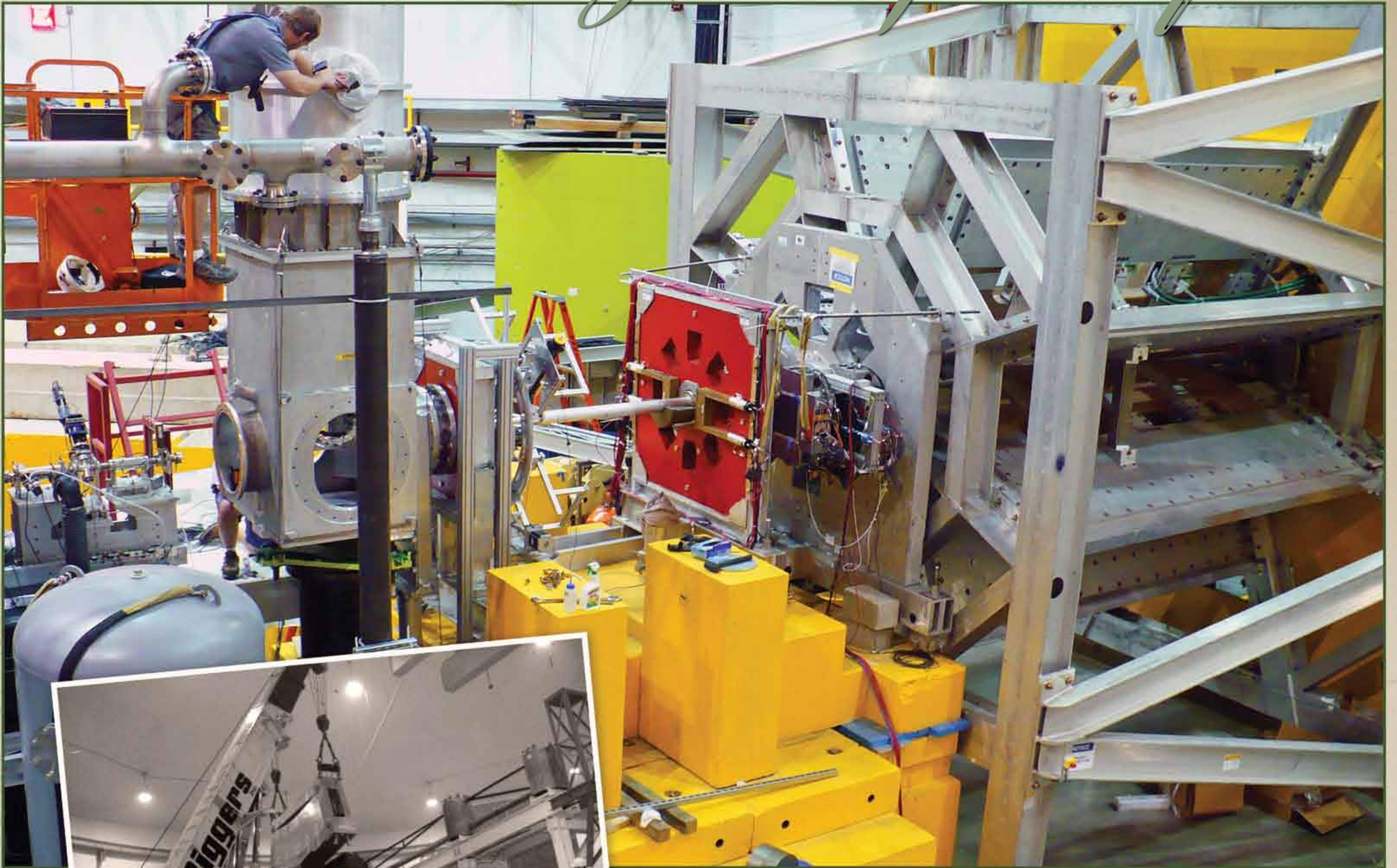


EXPERIMENTAL HALL C

15 Years of Physics



The Q-weak Apparatus



Hall C Under Construction, May 1993

Hall C's High Momentum Spectrometer, Short Orbit Spectrometer and specialized equipment for studying:

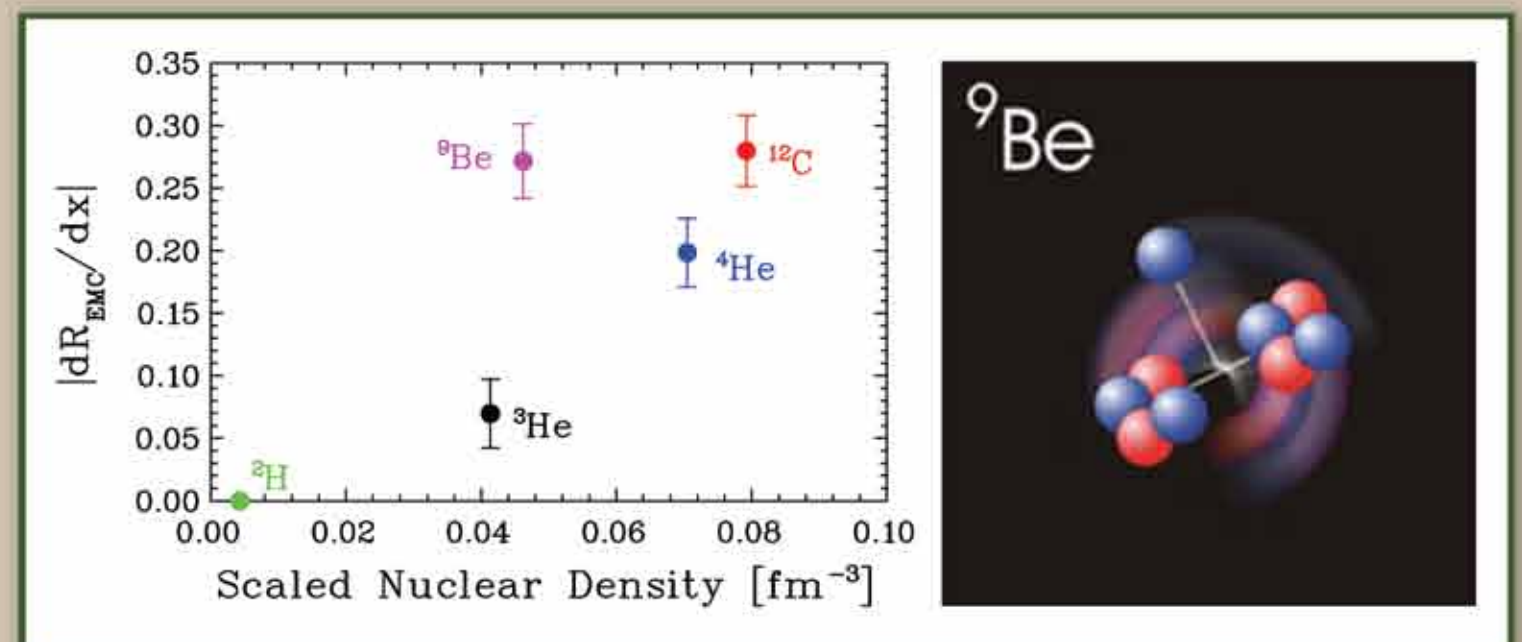
- The weak charge of the proton
- Form factors of simple quark systems
- The transition from hadrons to quarks
- Nuclei with a strange quark embedded

Collaborators Represent 20 Countries:

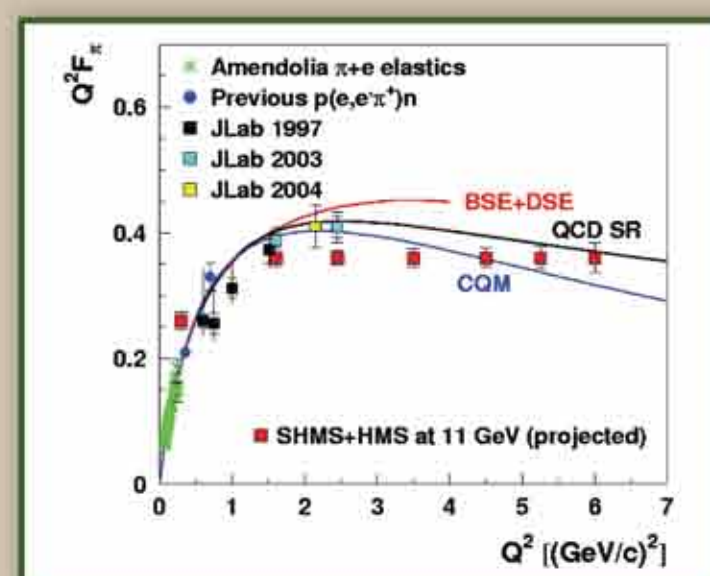
Armenia, Belgium, Canada, China, Croatia, France, Germany, Israel, Italy, Japan, Netherlands, Romania, Russia, South Africa, South Korea, Sweden, Switzerland, Turkey, Ukraine, United States

More than 70 Institutions:

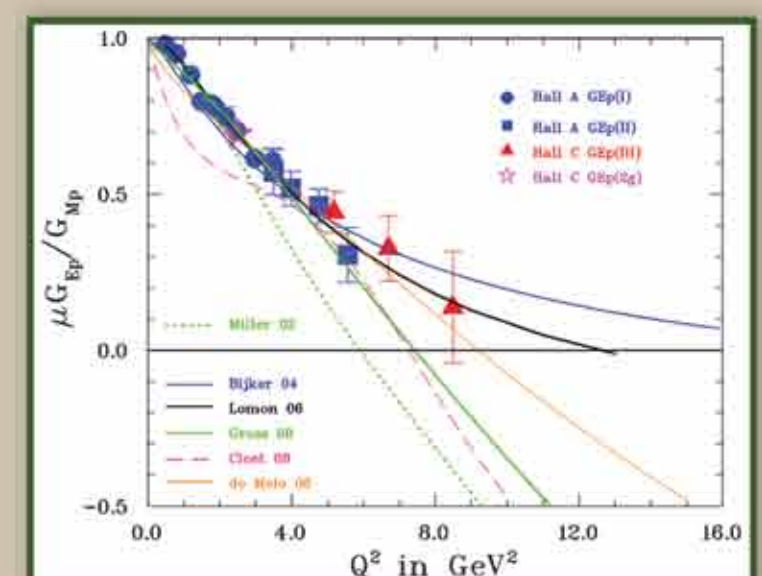
Argonne National Laboratory, California Institute of Technology, California State University Los Angeles, Carnegie Mellon University, CEA Saclay, Christopher Newport University, Deutsches Elektronen-Synchrotron, Duke University, Eastern Kentucky University, Florida International University, Gettysburg College, Grinnell College, Hampton University, Hendrix College, High Energy Accelerator Research Organization (KEK), Idaho State University, INFN Sezione di Bari, INFN Sezione di Roma, Institut de Physique Nucléaire Orsay, Institute for High Energy Physics Protvino, Instituto de Física, James Madison University, Joint Institute for Nuclear Research, Kent State University, Kharkov Institute of Physics and Technology, Kyungpook National University, Laboratoire de Physique Subatomique et de Cosmologie, Lanzhou University, Los Alamos National Laboratory, Louisiana Tech University, Lund University, Massachusetts Institute of Technology, Middle East Technical University, Mississippi State University, Nationaal Instituut voor Subatomaire Fysica, North Carolina A&T State University, North Carolina Central University, New Mexico State University, Norfolk State University, Northwestern University, Ohio University, Old Dominion University, Oregon State University, Osaka Electro-Communication University, Rensselaer Polytechnic Institute, Rutgers, Southern University at New Orleans, Syracuse University, Tel Aviv University, Temple University, The Catholic University of America, The College of William and Mary, The George Washington University, The Pennsylvania State University, The University of British Columbia, The University of Winnipeg, Tohoku University, TRIUMF, Universidad Nacional Autónoma de México, Universität Basel, Universitatea Politehnică din București, Universiteit Gent, University of California Los Angeles, University of Colorado, University of Connecticut, University of Houston, University of Illinois at Urbana-Champaign, University of Kentucky, University of Manitoba, University of Maryland, University of Massachusetts Amherst, University of Michigan, University of New Hampshire, University of North Carolina Wilmington, University of Northern British Columbia, University of Pennsylvania, University of Pittsburgh, University of Regina, University of Richmond, University of the Witwatersrand Johannesburg, University of Virginia, University of Wisconsin - Madison, University of Zagreb, Vassar College, Virginia Polytechnic Institute and State University, Vrije Universiteit Amsterdam, Yamagata University, Yerevan Physics Institute (ANSI)



Nuclear Density Dependence of the EMC Effect



The Pion Form Factor to Study the Transition to Perturbative QCD



Ratio of the Electric to the Magnetic Elastic Form Factors of the Proton

THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY