



Karl F. Herzfeld, 1892-1978

Department of Physics
The Catholic University of America



presents the 29th

Karl Herzfeld Memorial Lecture

Exploring the Nature of Matter: Jefferson Lab and its plans

Dr. Hugh Montgomery

**Director, Thomas Jefferson National Accelerator Facility
(Jefferson Lab), Newport News, Virginia**

The Thomas Jefferson National Accelerator Facility (Jefferson Lab) is one of the premier facilities for nuclear and hadronic physics in the world. With high luminosity and high polarization continuous wave electron beams, the 6 GeV physics program has produced exciting results during the past decade. Currently the laboratory is executing an upgrade of the accelerator from 6 GeV to 12 GeV: this project was recommended as the top priority in the most recent US nuclear physics long-range plan. The upgrade, which also includes changes to the experimental facilities, will open new avenues of investigation. Beyond this upgrade Jefferson Lab is preparing the case for a future Electron Ion Collider.

Friday, March 26, 2010 at 4:00 PM

in the Karl Herzfeld Auditorium of Hannan Hall - Room 108

Reception immediately following lecture

Parking and other information: (202) 319-5315 or <http://physics.cua.edu>