

UNIVERSITY OF NOTRE DAME
DEPARTMENT OF PHYSICS

NUCLEAR SEMINAR

Monday, May 2

Results from GRETINA at ATLAS¹

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After a successful experimental campaign at the NSCL, the gamma-ray tracking array, GRETINA, was relocated to the ATLAS facility at Argonne National Laboratory. During the fall of 2013, the detectors were installed on one of the two beam lines in area IV of the facility, where it shared the experimental hall with Gammasphere for 22 months. In contrast to the NSCL campaign, where experiments were performed with fast beams, the GRETINA program at ATLAS utilized low-energy accelerated beams with energies close to the Coulomb barrier. A number of experiments utilizing stable beams as well as re-accelerated radioactive beams from CARIBU were performed. In this talk, I will present results from some of the measurements performed with GRETINA at ATLAS.

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4 pm – 5 pm
Nuclear Science
Laboratory
124 Nieuwland
Science Hall

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All interested  
persons are  
cordially invited  
to attend

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Refreshments will be
served prior to the
seminar in room 124