

Abstract Submitted
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Digital data acquisition setup for β -gamma correlation experiment M.M. RAJABALI, R. GRZYWACZ, S.N. LIDDICK, C. BINGHAM, I. DARBY, University of Tennessee, C. MAZZOCCHI, IFGA - University of Milan and INFN, K. RYKACZEWSKI, ORNL, J. BATCHELDER, UNIRIB, T. BAUMANN, T. GINTER, P. MANTICA, NSCL, M. KARNY, K. MIERNIK, M. PFUTZNER, IEP Warsaw University, S.V. ILYUSHKIN, J.A. WAGNER, Mississippi State University, W. KROLAS, Polish Academy of Sciences — A new-generation digital signal processing-based acquisition setup has been successfully tested and used in an on-line experiment at the NSCL at MSU. The acquisition system is based on the new Pixie16 boards from XIA. The detection setup consisted of the SeGA array and silicon detectors. All the signals were read out through the Pixie16 boards. Details of the set-up and results from the test will be given.

Mustafa M. Rajabali
University of Tennessee

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