乞掲示

理化学研究所原子核グループコロキウム　*2001. 11. 6*

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題目：　The electronics of the EUROBALL's CsI particle detector array (Processing of CsI detector signals for determination of the type and the energy of the particles)

∗ The seminar will be given in *English.*

日時：　2001年　11月　6日 (Tue.)　16:00 –

場所：　RIKEN Main Bldg. 2F Seminar Room

Abstract

The present electronics of the DIAMANT CsI particle detector sytem is shown. The DIAMANT has been designed as an auxiliary particle detector array for the EUROBALL gamma detector facility. The electronics shown is totally compatible with the EUROBALL's electronics. The pulse processing is realized in VXI, while the data acquisition uses VME.The new techniques used in the signal processor are presented. A feasible variant of the total system architecture is also presented. Derivation of the signal recognition, timing and trigger signals is discussed, too.

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