

Electronics of LHE JINR for Detectors of Experimental Setups

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Abstract

The constant research developments of experimental technique at the Laboratory of High Energies (LHE JINR) are performed. This progress stimulates an updating of electronic methods and means of registration of signals from detectors. Front-end electronics provides the registrations of signals from detectors, the formation of normalized signals. It defines conditions of multilevel selection of events and carries out conversion of the time intervals and analog information to a digital code. The basic electronic modules are performed in CAMAC standard.

A review of electronics for detectors developed recently at LHE JINR is given. The basic characteristics of these means are shown.