CAMAC BOOSTER ("CAB" SYSTEM)
A versatile Microcomputer for High Rate Camac Data Acquisition
Technical Presentation
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"CAB" is a microprogrammable system, using fast TTL bit-slice technology, designed to improve the capabilities of a standard Camac data acquisition chain. It can be implemented as crate controller, branch driver, or computer to Camac (or GPIB to Camac) interface. It is well adapted to a wide range of complex applications, such as software triggering, event filtering, data compaction and formatting, equipment calibration and monitoring.

The basic software includes a cross-assembler, an emulating program and an interactive debugger. Improvements are now under development.

Today, more than 15 units are used in different labs.
This paper reports the present status of the project in the software and hardware point of view.