

PCI to CAMAC Executive Crate Connection,
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P.W. WILMSHURST, TRIUMF - TRIUMF's Central
Control System has a large investment in CAMAC. To
protect this investment and allow the current trend of
PCI-bus based computers to be supported, TRIUMF
has configured a PCI to CAMAC system. In this set-
up, TRIUMF has connected PCI based computers into
the CAMAC equipment of their Central Control
System. DEC Alpha computers running OpenVMS
have been interfaced via the PCI bus to the existing
CAMAC executive crates. The PCI bus is connected to
a Q-bus expansion chassis using a commercial interface
and then from the Q-bus chassis to CAMAC via a
TRIUMF interface. This paper describes the hardware
and software interfaces, and performance issues.