

PCI TO CAMAC EXECUTIVE CRATE INTERFACE

K.S. Lee, TRIUMF; P.W. Wilmshurst, TRIUMF

Hardware and software interfaces have been developed for PCI bus to CAMAC. The PCI bus is currently supported on many platforms including PCs, Compaq's Alphas, and others. The hardware includes two interface cards, one which connects to a PCI slot in the computer's chassis and the other which is located in a CAMAC executive crate. The software has been developed for the OpenVMS Alpha environment and a port to the Windows NT is being planned. This paper describes the hardware and software designs, performance and configuration details.