

More sophisticated sorters with minimal additional latency are easily implemented in the Virtex-5 FPGA

amless integration into the present trigger system. Interfaces to "old" and "new" Track Finders are available on the same Muon Port Card.

- [3] TLK2501 Gigabit Transceiver Specification: http://focus.ti.com/lit/symlink/tlk2501.pdf [4] SNAP12 Specification: http://bonner-ntserver.rice.edu/cms/snap12msa\_051202.pdf
- [5] Custom evaluation optoboards designed at Rice University:
  - http://bonner-ntserver.rice.edu/cms/projects.html#opto