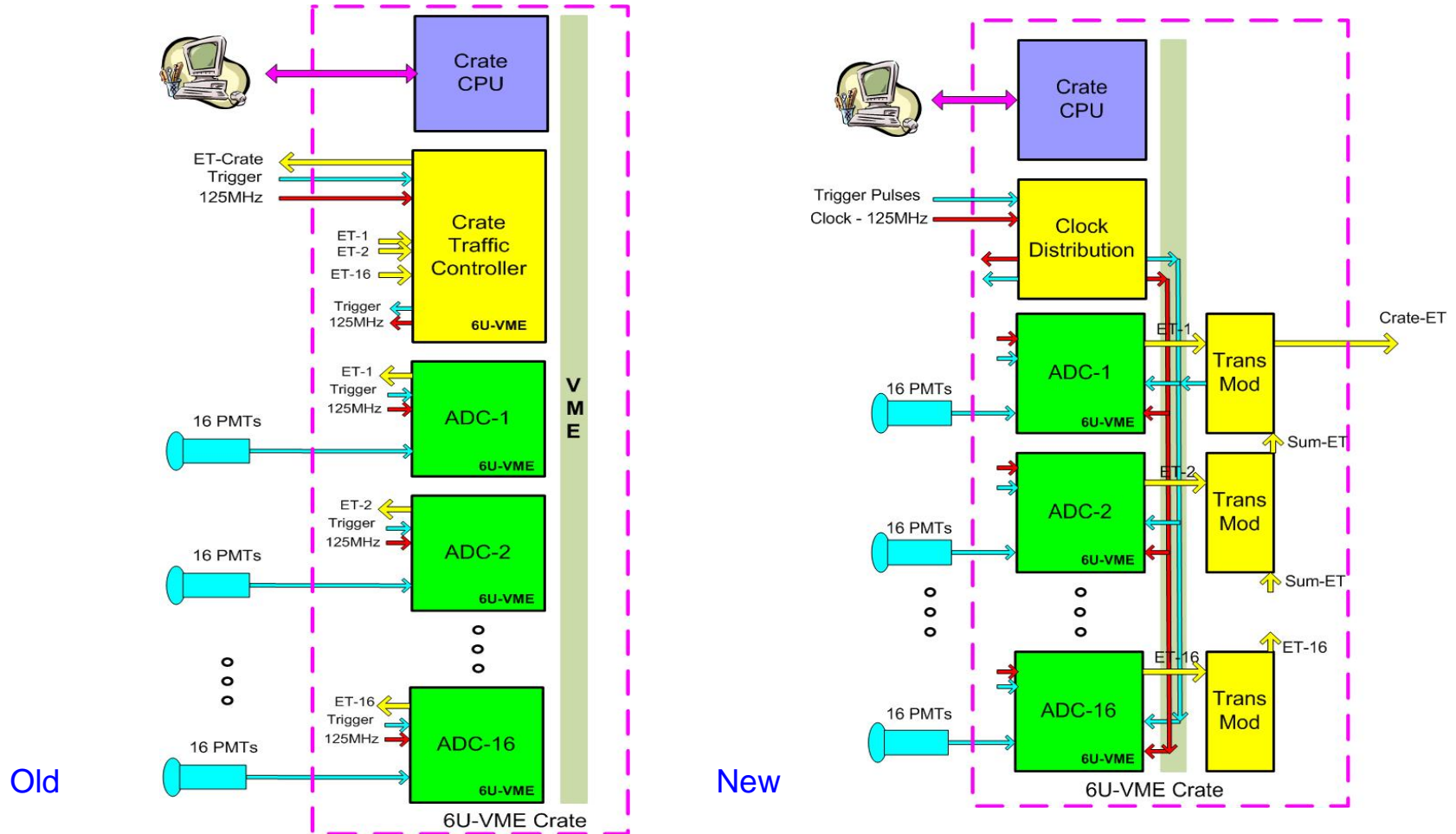


# Update on the E14 Shaper/ADC

The University of Chicago

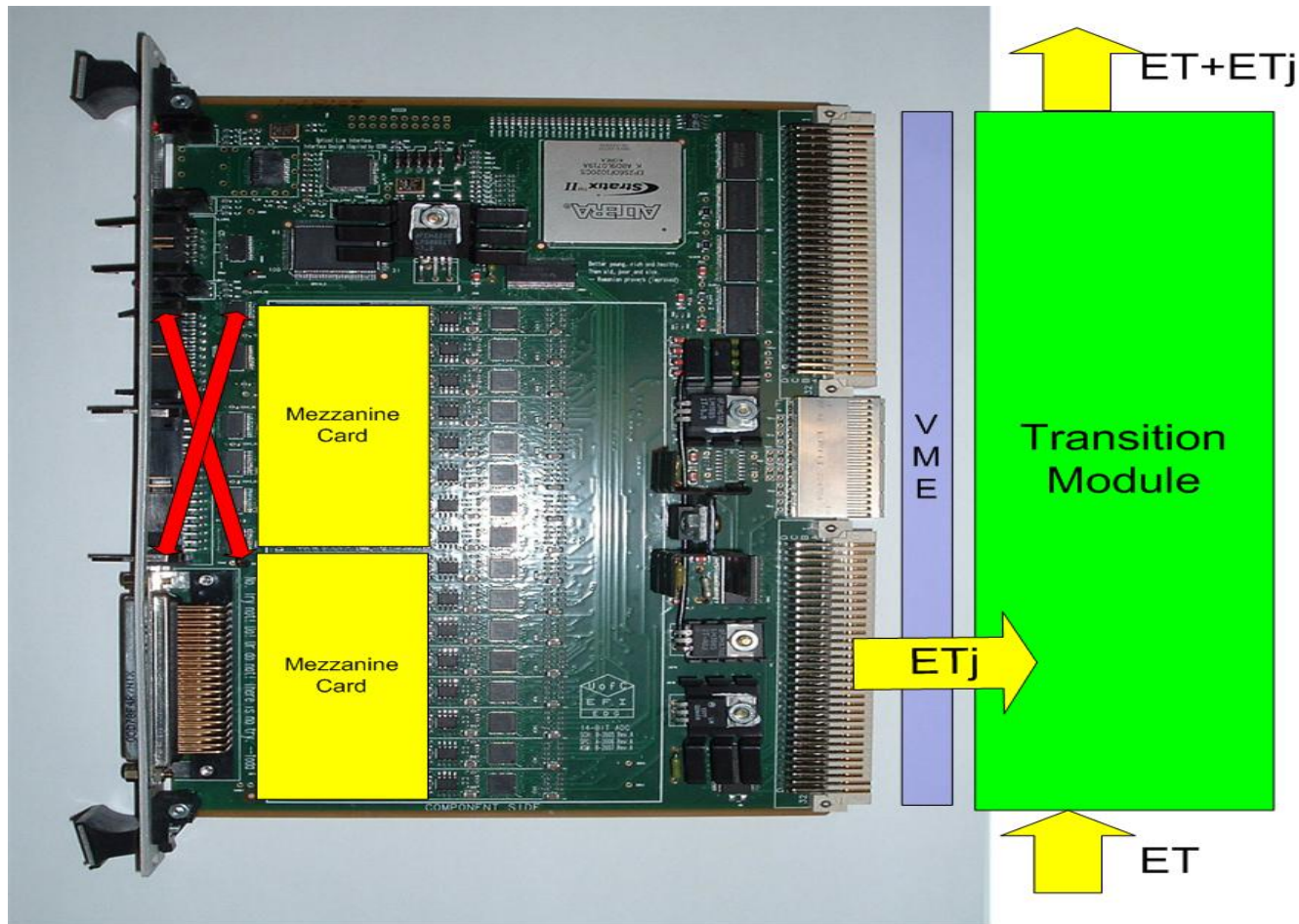
E14 DAQ Meeting  
February 28, 2008

# Crate Block Diagram – Design Update



- Replace Crate Traffic Controller with Rear Transition Modules;
- Two Options for clock and pulse distribution:
  - VIPA Crate: use Backplane/P0 bus lines (~\$16,000/crate?),
  - VME64x Crate: use Front Panel Cable Connections (no P0 bus lines).

# 14-Bit, 125MHz ADC Board – Design Update



- Move Preamp and Shaper on Mezzanine Cards?
- Move ET Signals to the Back (P2) -> Crate ET calculated in a successive way;
- Split the 16 analog inputs over two front panel connectors with 8 inputs each.