

# FADC/TDC module issues (SK, 20160628)

## Threshold issue

FADC:  $2V/4000$  ( $\sim 0.5$  mV) \* Threshold setting value(T)  
ex.  $T=20 \rightarrow 10$  mV

TDC:  $2V/10/4000$  ( $\sim 0.05$  mV) \* Threshold setting value(T)  
ex.  $T=200 \rightarrow 10$  mV  
only for negative signal

Currently trigger is done by FADC  $\rightarrow$  TDC=0 event (?)

## Two peak issue

If signal has sholder or noise two TDC hits can be recorded  
 $\rightarrow$  check this with FADC signal and two consecutive TDC hits