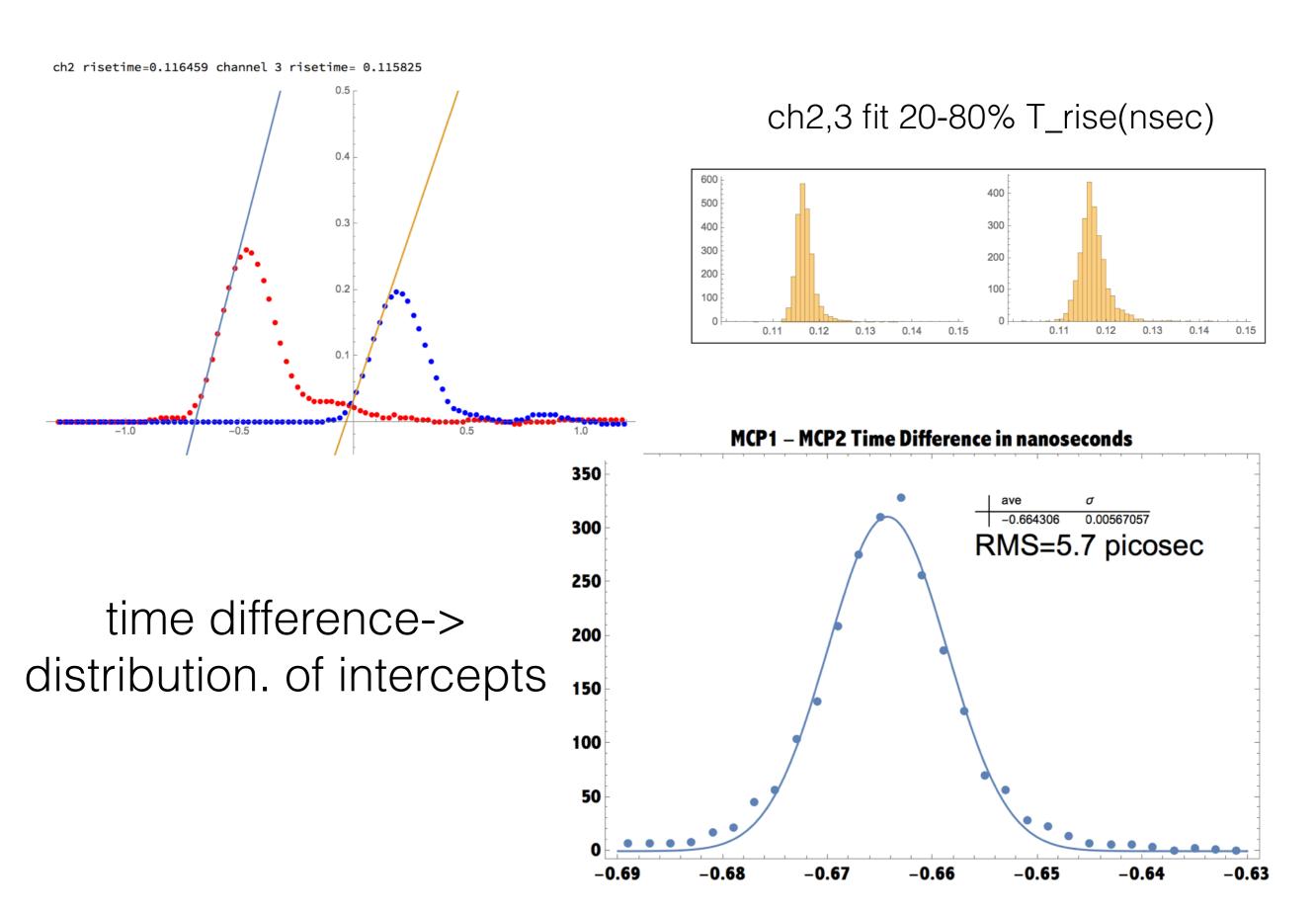
Next Steps-hardware (summary of Nov 23)

S. White ,HFS mtg, Nov.3 30, 2016

- 7 2x2 mm detectors @ CERN Irradiated from 0->10^15neq
 - •7 "" additional not yet characterized
 - •2 bare 8x8 chips sent to CERN from RMD
 - •8(?) 8x8 mm at Princeton for packaging-> CERN
 - one of " will first be HV tested then tested w. Mitch's amp
 - we agreed with Mickel to have several (~6?) 8x8 chips sent to Bert for packaging
 - ->overall aim is to ramp up testing and irradiating the actual HFS structure. There is also growing interest in testing (FNAL,LIP, Alberta/AFP..)
 - there is also interest in other applications (ie test at CERN for X-ray timing)

(nice result from our Oct. beam test)



why is LGAD competitive?

Noise, SNR, Rise Time, Jitter (unirr)

