

## CFT Trigger Simulation Status

- L1 CFT simulation has been reasonably well tested, especially when there are customers from STT and Muons.
- Ntuples are available for various analyses.
- Contact Person : Kin YIP ( kinyip@fnal.gov )
- Dzero note : #3301

### Present

- Fortran
- UPG\_GEANT
- d0user
- compatible within trigger group
- quarter-sector symmetry

### Future

- C++ mainly but may use some old Fortran codes
- DØGSTAR
- d0framework
- open for extension, to be integrated into offline etc.
- equations for the whole sector are probably needed

## Plan ...

- start(ed) from the standard Run II framework;
- use the “Analyze” ( from Serban ) as an example to unpack the CFT information from the “chunks” in DOGSTAR;
- produce ntuples to debug the codes;
- add “Chunks” for other users/customers like  
Muons, STT .....
- Huge number of calibrated track equations would probably need to be included.