

20  
 $\mu = 500 \text{ GeV} \cdot c^{-1}$   
 $H, A \rightarrow \tau\tau \rightarrow \text{two } \tau \text{ jets} + X, 60 \text{ fb}^{-1}$



# Making Raw to Digi great again

Felice Pantaleo  
EP-CMG-CO

[felice@cern.ch](mailto:felice@cern.ch)

# Out-of-bound accesses

$H, A \rightarrow \tau\tau \rightarrow \text{two } \tau \text{ jets} + X, 60 \text{ fb}^{-1}$



Memory profiler gave us 60k+ errors in the kernels

Compiling with `-g -G` and running `cuda-memcheck` proved to be useful

Now debugging 1k remaining errors (outside kernels)

Hopefully finish before 3pm, then start actually working on the kernel.