

Use of the TriDAS for Offline Trigger application

(not simulation nor reproduction: it is the very online trigger applied to MC events)

NEMO F2

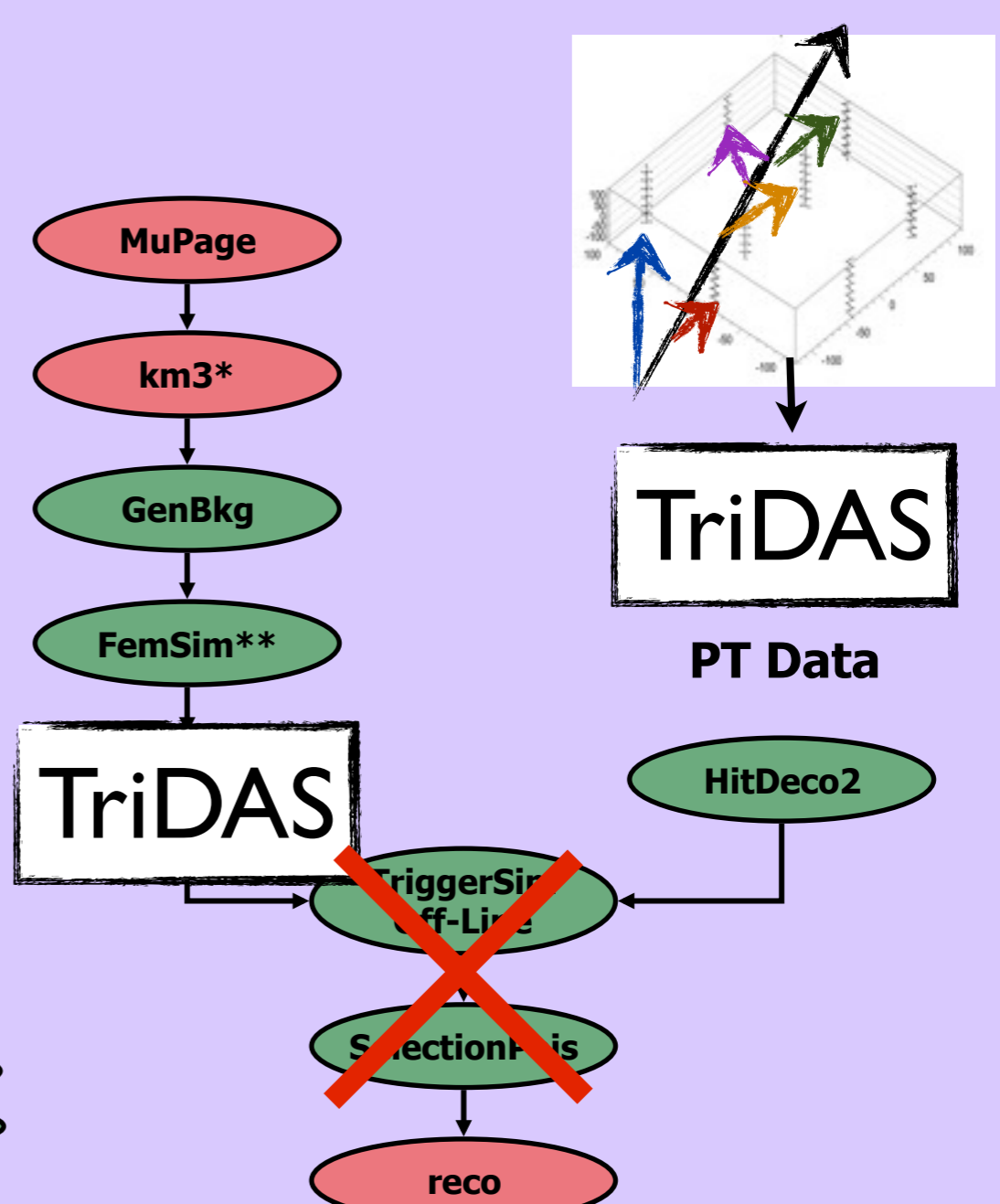
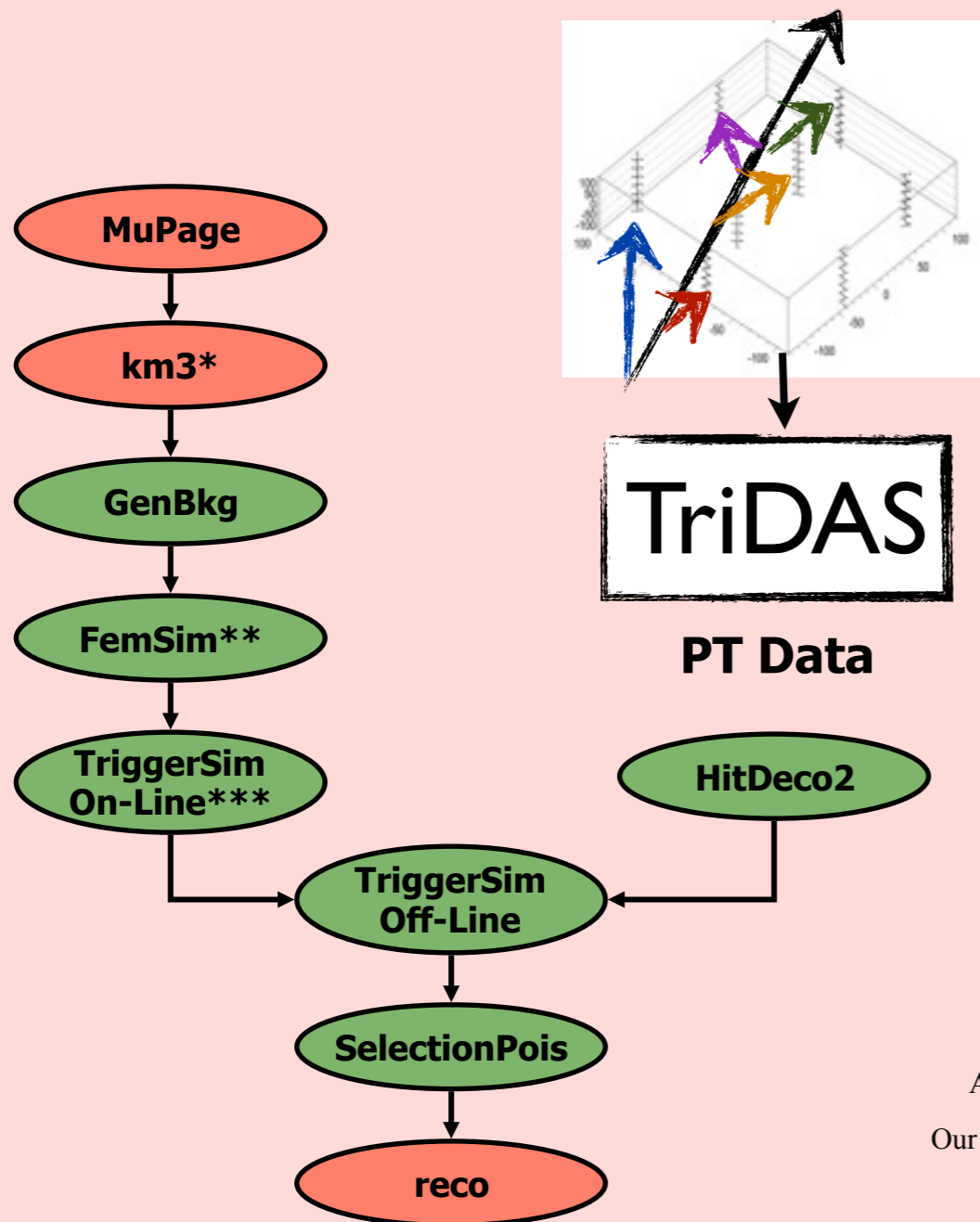
KM3-Italia



Simulations

Mother Nature

Simulations

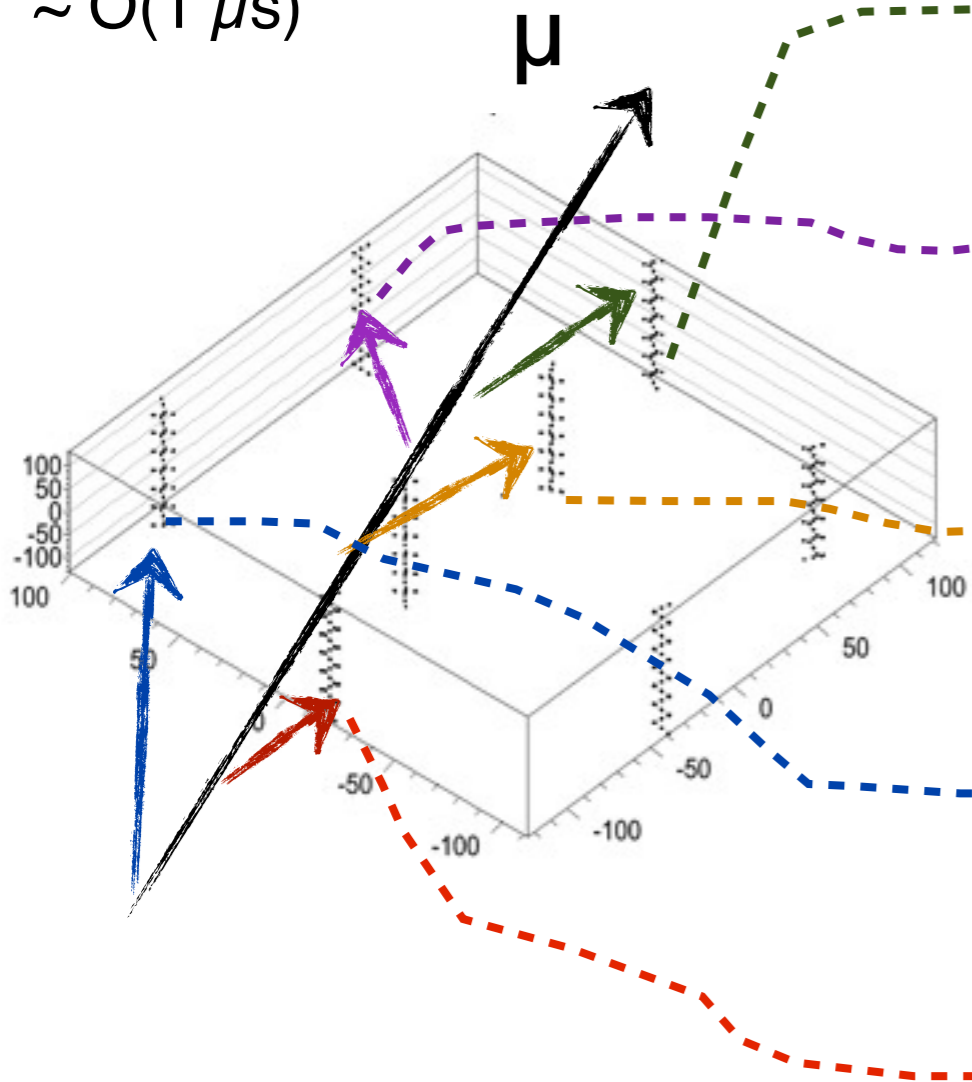
Mother Nature



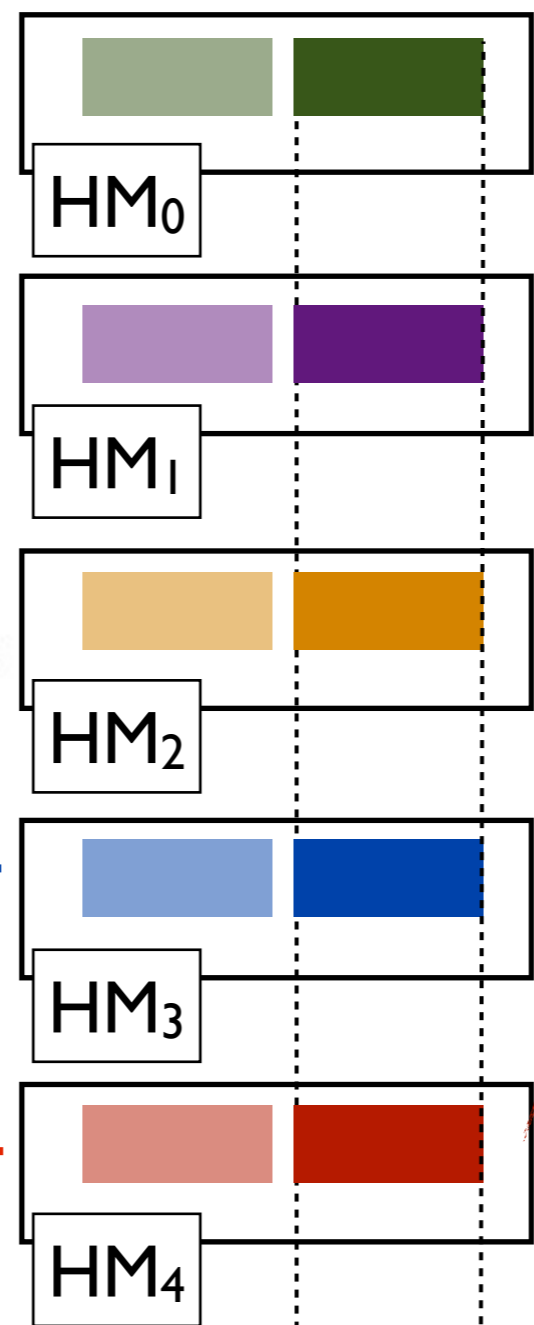
Antares 
Our codes 

What is kept: the TriDAS modularity (and most of the C++ code)

ΔT event
 $\sim O(1 \mu s)$



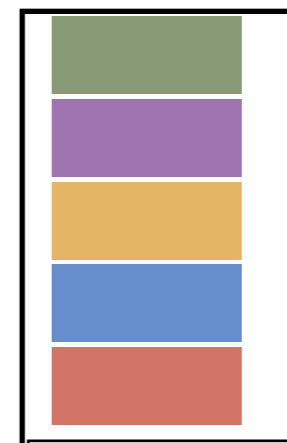
ΔT
 200 ms



TCPU_i with TS_i



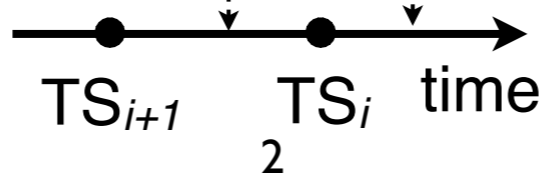
EM: collect from all the TCPUs the selected events



TCPU_{i+1} with TS_{i+1}

TCPU: process data from the full detector for a slice of time (i.e. the *Time Slice*)

HM: handle subsequent data from a fraction of the detector



Post FEMSim ascii file

each evt is treated as a Time Slice

TCPU-OFFLINE

