Next steps with MTRIG

In order to put the PACT algorithm into CMANA one needs:

- ☛ **restrict the number of options to ONE** (eventually two)
- ☛ **restrict the algorithm to necessary minimum** (both CPU & RAM)

It is almost done. The only big missing item is

- ☛ **η segmentation** (see talk in the Muon Trigger session)

Moreover one needs to know more about

- ☛ **CMANA structure**
- ☛ **CMSIM 100 data format**

Appeal for geometry providers:

simplified and optimised geometry is absolutely crucial for any trigger study

typical needed statistics is ~ 10^7 muons

Currently, e.g. particle traversing the forward muon system cosses hundreds of volumes like 127μ mylar etc.