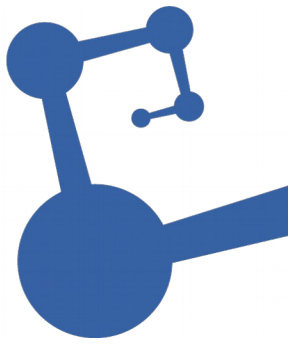


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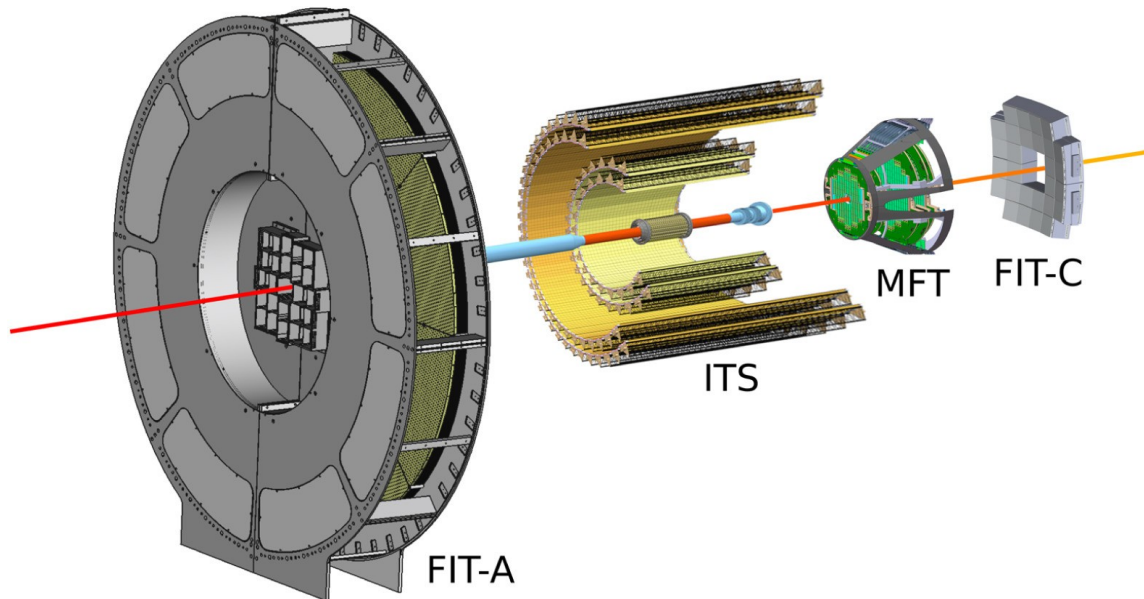
# Analysis Update ML studies

Erik Zepeda

# New ALICE detectors



- This improve the extraction of MPI event-by-event?



- The three new detectors are: the Inner Tracking System (ITS), the Muon Forward Tracker (MFT) and the Fast Interaction Trigger (FIT)

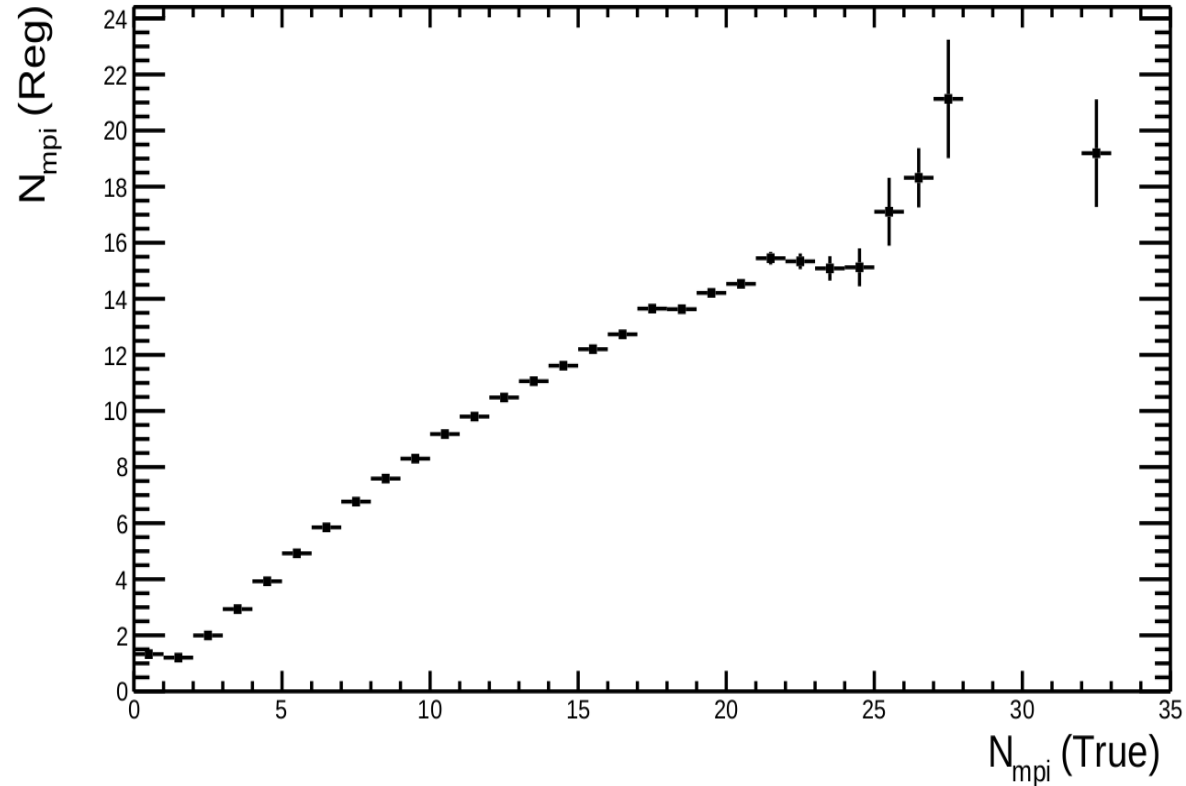
MFT :  $-3.6 < \eta < -2.45$



FIT : V0+  $2.2 < \eta < 5.1$

*Wladyslaw Henryk Trzaska. New ALICE detectors for Run 3 and 4 at the CERN LHC, 958:162116, 2020.*

# ALICE Run3 (MFT + V0+)



- Including the VZERO system (VZERO-A and VZERO-C), which cover  $2.8 < \eta < 5.1$  and  $-3.7 < \eta < -1.7$

