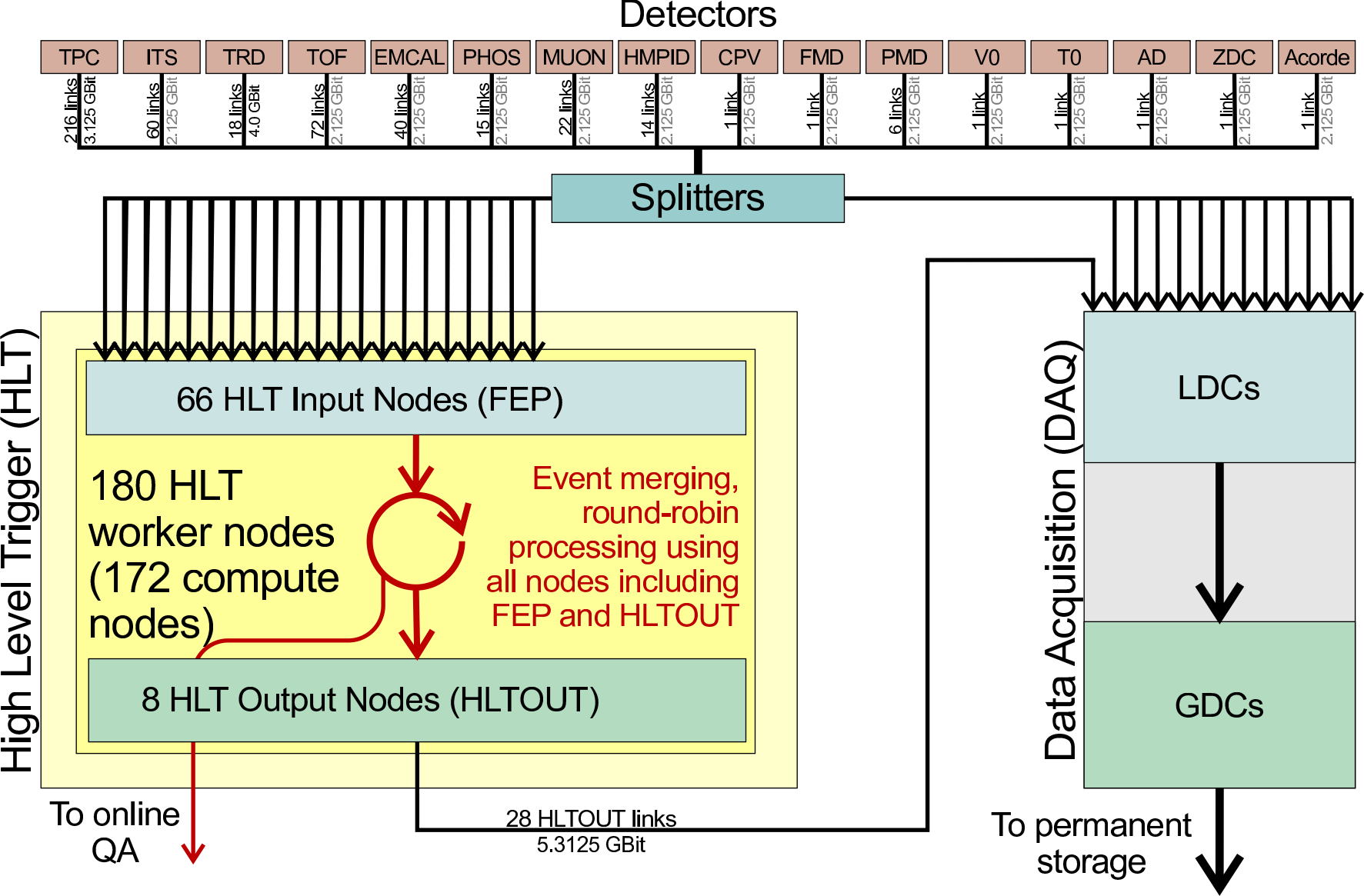
Detectors
TPC
ITS
TRD
TOF
EMCAL
PHOS
MUON
HMPID
CPV
FMD
PMD
V0
T0
AD
ZDC
Acorde
216 links 3.125 GBit
60 links 2.125 GBit
18 links 4.0 GBit
72 links 2.125 GBit
40 links 2.125 GBit
15 links 2.125 GBit
22 links 2.125 GBit
14 links 2.125 GBit
1 link 2.125 GBit
1 link 2.125 GBit
6 links 2.125 GBit
1 link 2.125 GBit
1 link 2.125 GBit
1 link 2.125 GBit
1 link 2.125 GBit
1 link 2.125 GBit
Splitters
High Level Trigger (HLT)
66 HLT Input Nodes (FEP)
180 HLT worker nodes (172 compute nodes)
Event merging, round-robin processing using all nodes including FEP and HLTOUT
8 HLT Output Nodes (HLTOUT)
To online QA
28 HLTOUT links 5.3125 GBit
Data Acquisition (DAQ)
LDCs
GDCs
To permanent storage