### Activities

- Deployment of new DAQ GUI and start of run scripts
- Testing of DAQ Equipment (Hardware/Servers)
  - $\bullet\,$  Major problem with TCS distribution poped-up  $\rightarrow\,$  solved!
  - $\bullet\,$  Problem with pre calibration Trigger for HCAL  $\rightarrow$  solved!
- Integration of Artificial Spill Generator / Switch in DAQ GUI
- New network topology and 25Gbit Switch (dedicated networks for SlowCTRL/IPBus/IPMI)
- $\bullet\,$  High trigger rate tests  $\rightarrow\,$  on-going
- High data rate tests  $\rightarrow$  on-going
- ullet Integration of the CTA data transfer  $\rightarrow$  on-going

Many small bugs where found and fixed!

No new hardware was installed (new switch and ReadOut cards)

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## Included Equipment

Shows status of the data concentrate level (more errors in MurphyTV)

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**971** (DC05 is included but give to much data during high rate test) **460** (MWPC) gives errors at the beginning of the spill **800/801** M1-TDC and Gandalf ADC Master-time was excluded (and removed from mapping) **960** Beam-Mon not operational (Help for Gandalf is needed)

# High trigger rate test

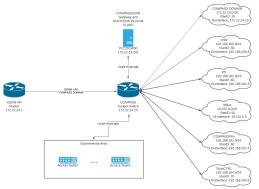
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7	вт	31	0	0			
8	MTIncl	0	0	0			
9	LAST	0	0	0			
10	TRand	34819	34819	1			
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#### High rate test was performed on 08.12.2020

DAQ is stable with 220k accepted triggers/spill

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### New Network Scheme

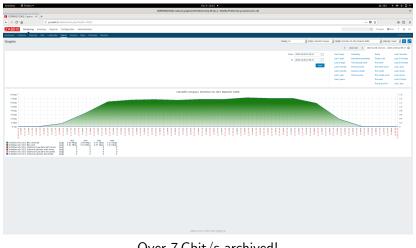


#### 48x25Gbit Ports + 8x100Gbit Up-links

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9. Dezember 2020

### Speed towards CTA



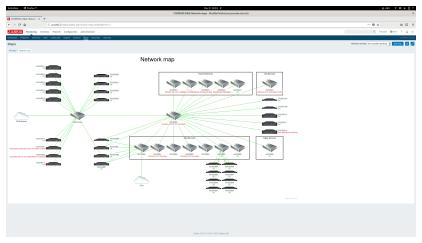
#### Over 7 Gbit/s archived!

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### Network Map



#### All network equipment is integrated in Zabbix monitoring!

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