Study of the Performance of the CMS Endcap Muon Trigger
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Compact Muon Solenoid (CMS)

Muon Endcap Local Trigger Electronics and Data Acquisition (DAQ) Electronics

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Conclusions

Performance of local CMS trigger modules on central CMS barrel
- Advanced 98% efficiency in ALCT time resolution at a single hit
- Advanced 98% efficiency in ALCT TMB patterns
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- Trigger system performance well within the limits specified for the CMS

Suggestion for further study
- Test ALCT with collimators and scintillator mumon modules
- Test communication between TMB and MPC