The CMS tracker

- immersed in a 3.8 T magnetic field
- Pixel detector: 66M readout channels - 100x150 μm²
- Strip detector: ~9M readout channels - 80-180 μm pitches

Pixel hits resolution: 10x(20,40) μm
Strip hits resolution: (10,40)x(230,530) μm

Performance: σ(pT)/pT ~ 1-2% @ 100 GeV/c
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Tracking at High Level Trigger in CMS

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