

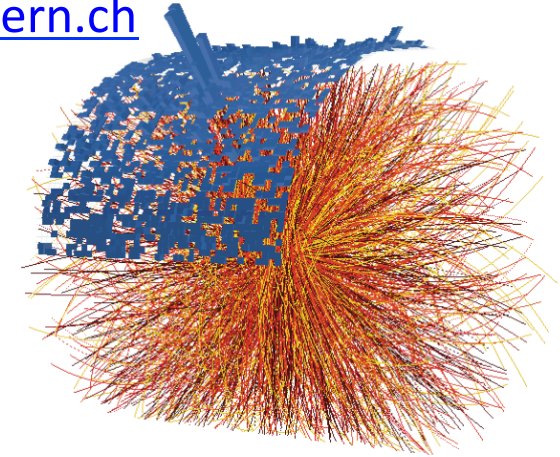
Particle tracking and identification at high rates

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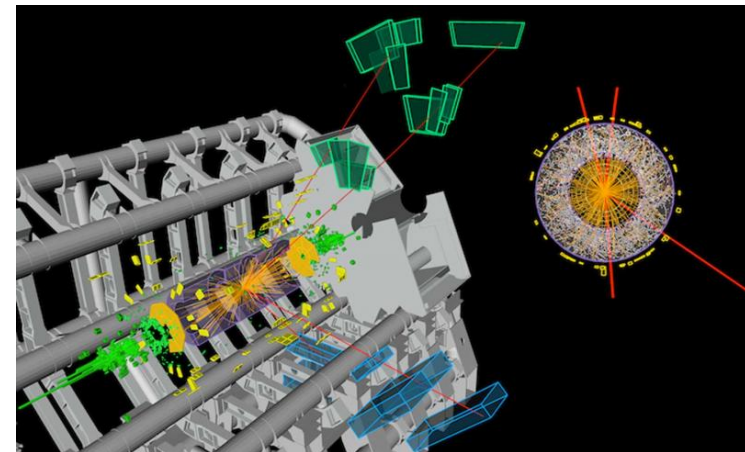
Friday 13:00, INF 226, SR 01.106
21-Oct-2016: assignment of topics

Focus on high rate detectors for
applications in the near and the further
future, in nuclear and particle physics:

- Monolithic active pixel sensors
- High-rate gaseous detectors
- Ring Imaging Cherenkov detectors
- Electromagnetic and hadronic calorimeters
- Fast readout electronics
- Wireless data and power transfer
- Track and vertex reconstruction



High-multiplicity Pb-Pb collision in ALICE



Higgs boson to 4 muons in ATLAS