

The new QuarkNet CMS Data Workshop introduces and pilots an exciting upgrade to the CMS masterclass. The measurement now has two mass histograms: one for dileptons and another for 4-lepton events. Specs and contents can be customized as needed or upon request. *For those who have experienced the previous CMS Data Workshop, this workshop can be given as a one day super-update event.*

Specs:

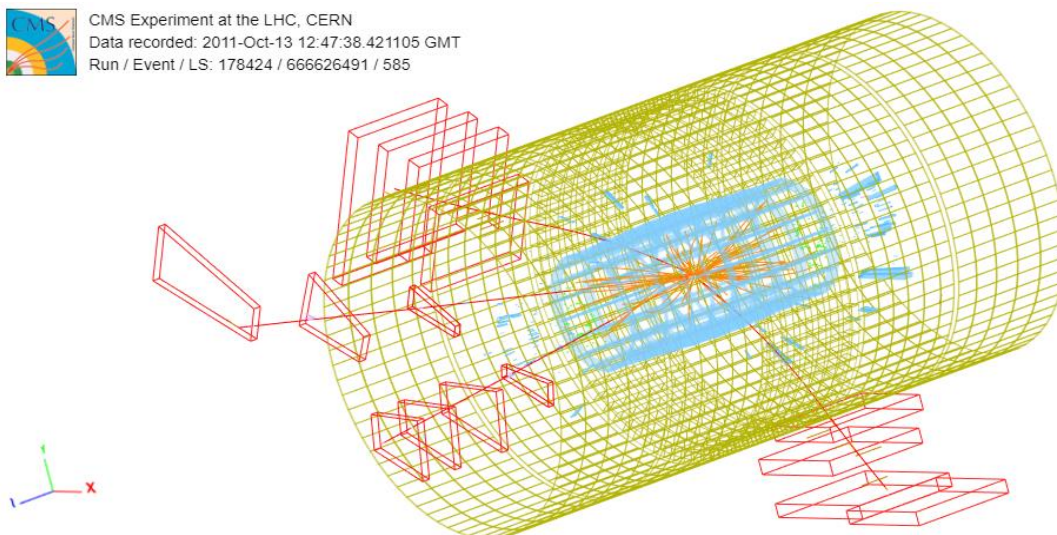
- For HS physics teachers
- Two-day duration
- QuarkNet staff or fellow facilitates.
- Teachers do activities as students and then reflect and plan as professionals.

Contents:

- Introductory talk and Data Activities from the Portfolio
- World Wide Data Day muon angle measurement
- New CMS masterclass measurement
- Fermilab or CERN virtual visit



CMS Experiment at the LHC, CERN
Data recorded: 2011-Oct-13 12:47:38.421105 GMT
Run / Event / LS: 178424 / 666626491 / 585



The iSpy event display shows a four-muon event in the CMS detector..

To arrange a CMS Data Workshop or learn more, ask your QuarkNet staff contact. To learn more about National Workshop opportunities for QuarkNet centers, go to the QuarkNet website and search on “opportunities.”