LHC Status

GDB

John Gordon, STFC

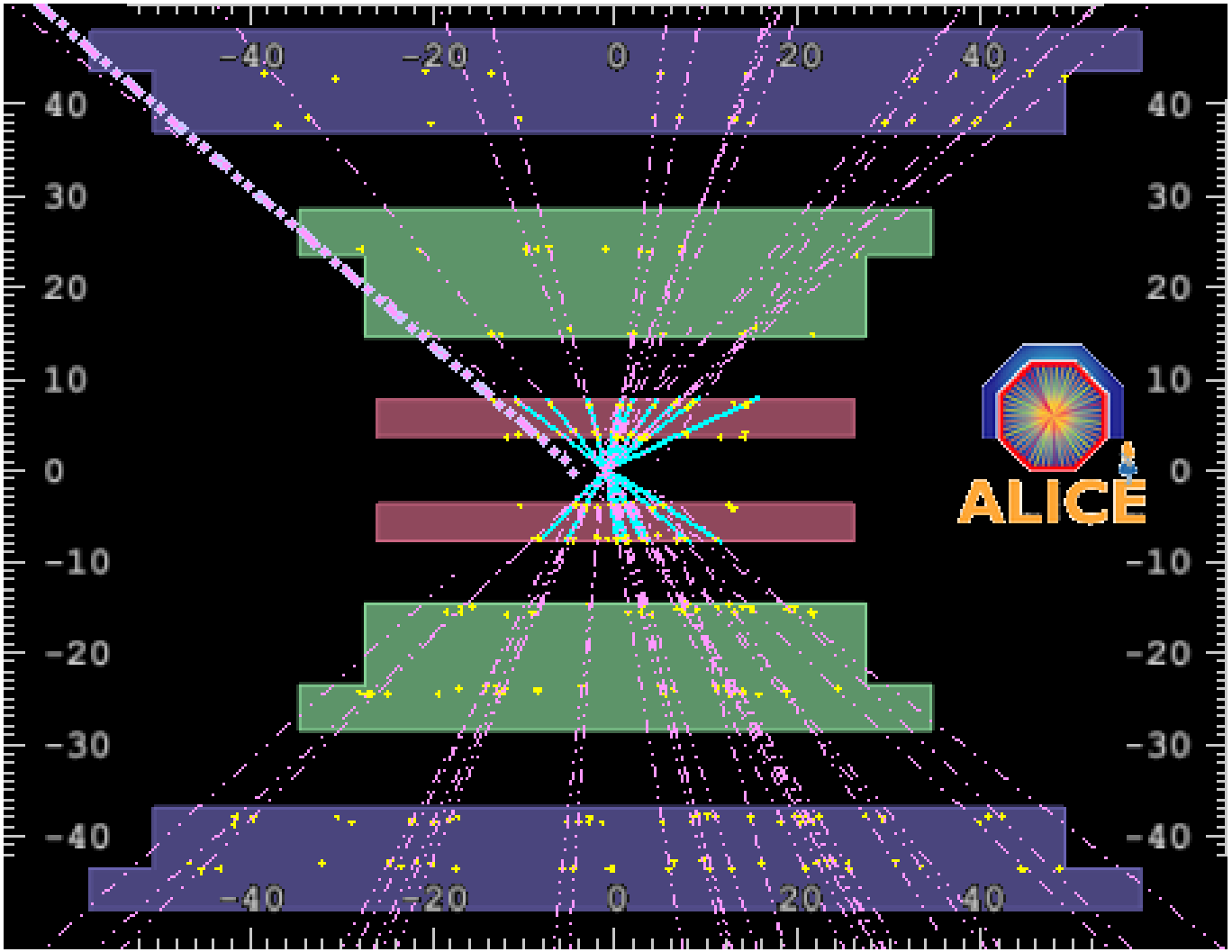
GDB meeting @CERN December 2nd 2009

Science & Technology Facilities Council

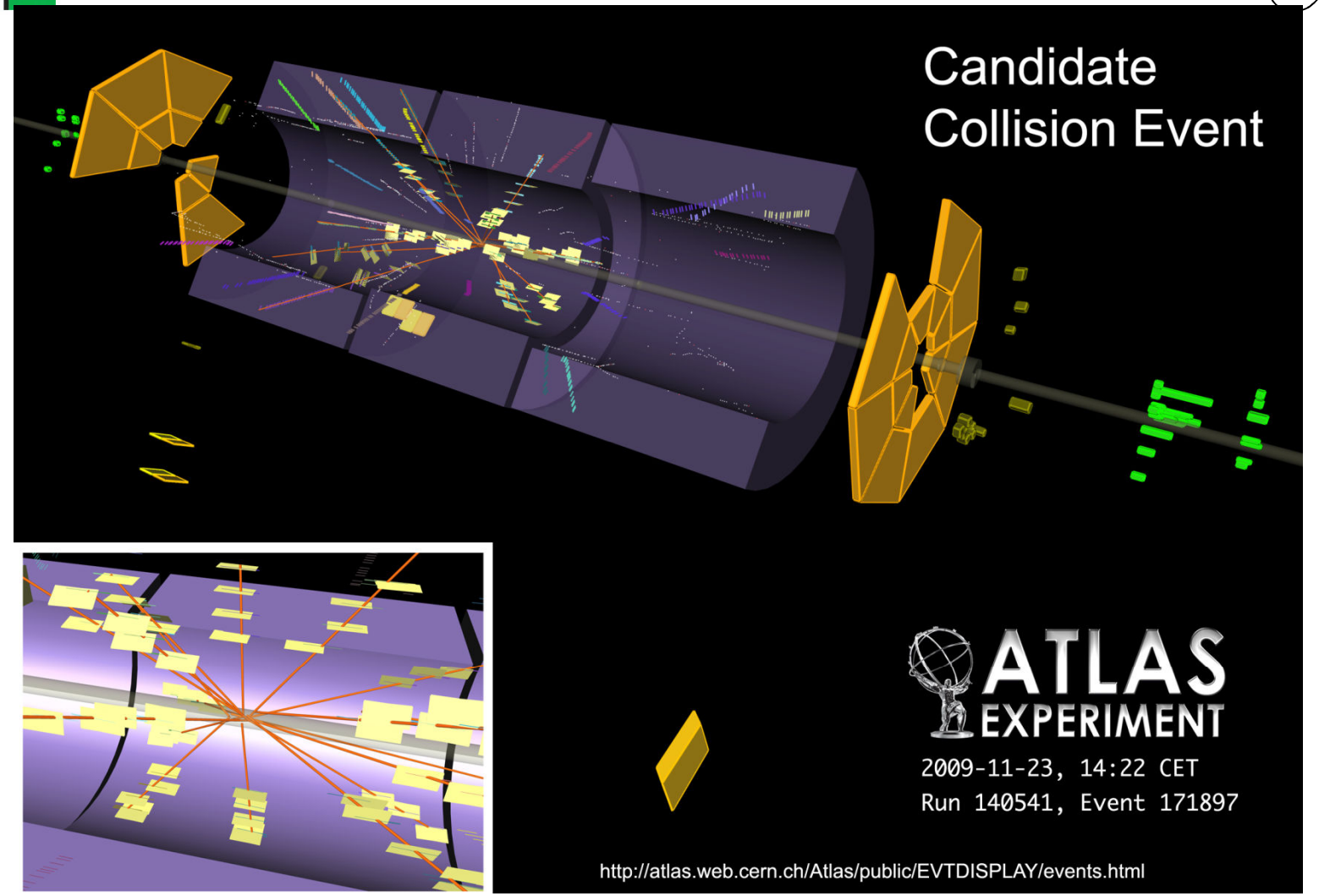
LHC Startup 2

- First beams circulated on Nov 20th
- First Collisions 24th
- Accelerated beams to 540GeV 27th
- Accelerated beams to 1.18 TeV 30th
- Pilot beams only so far

ALICE



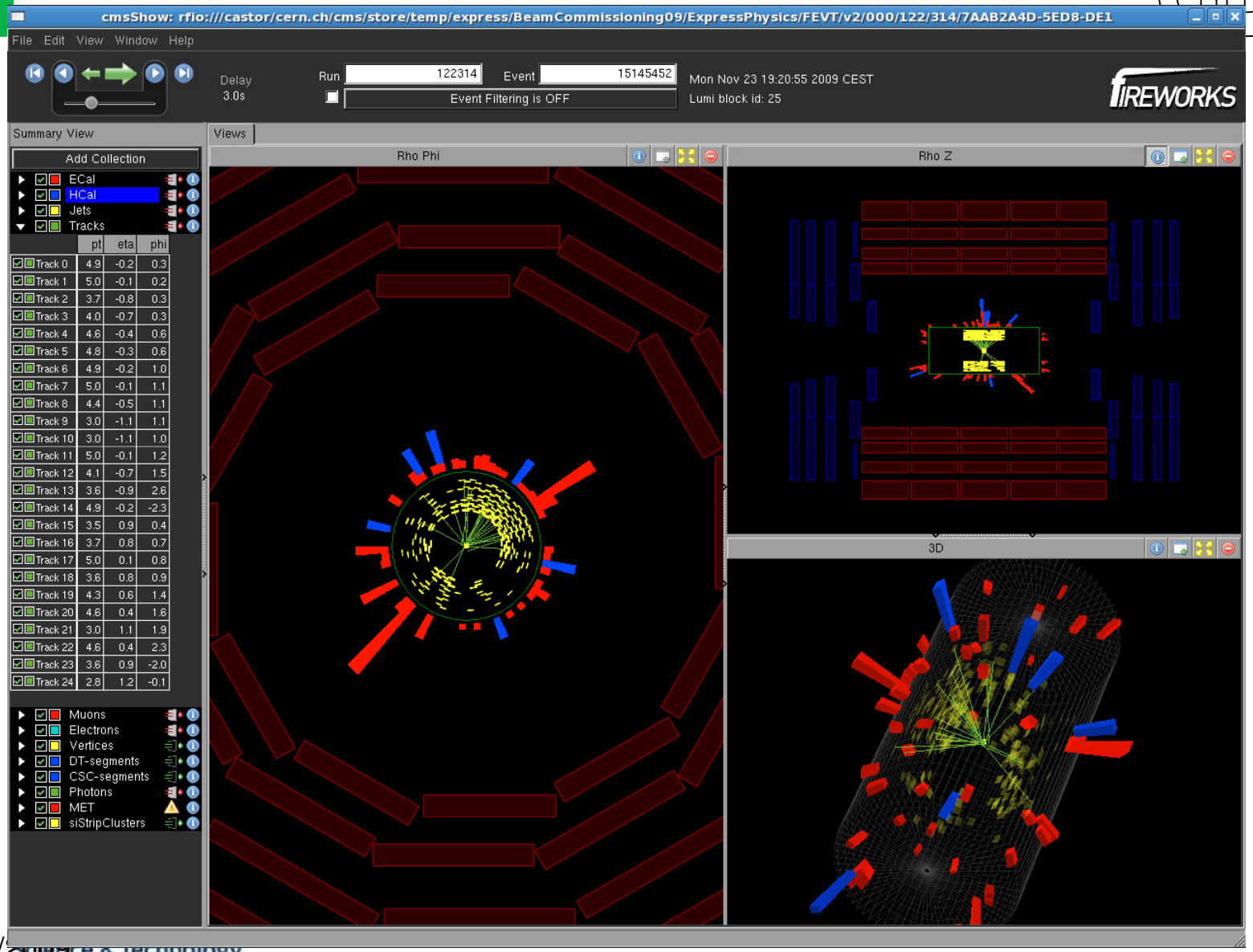
ATLAS


Candidate
Collision Event
ATLAS
EXPERIMENT
2009-11-23, 14:22 CET
Run 140541, Event 171897
http://atlas.web.cern.ch/Atlas/public/EVTDISPLAY/events.html

CMS

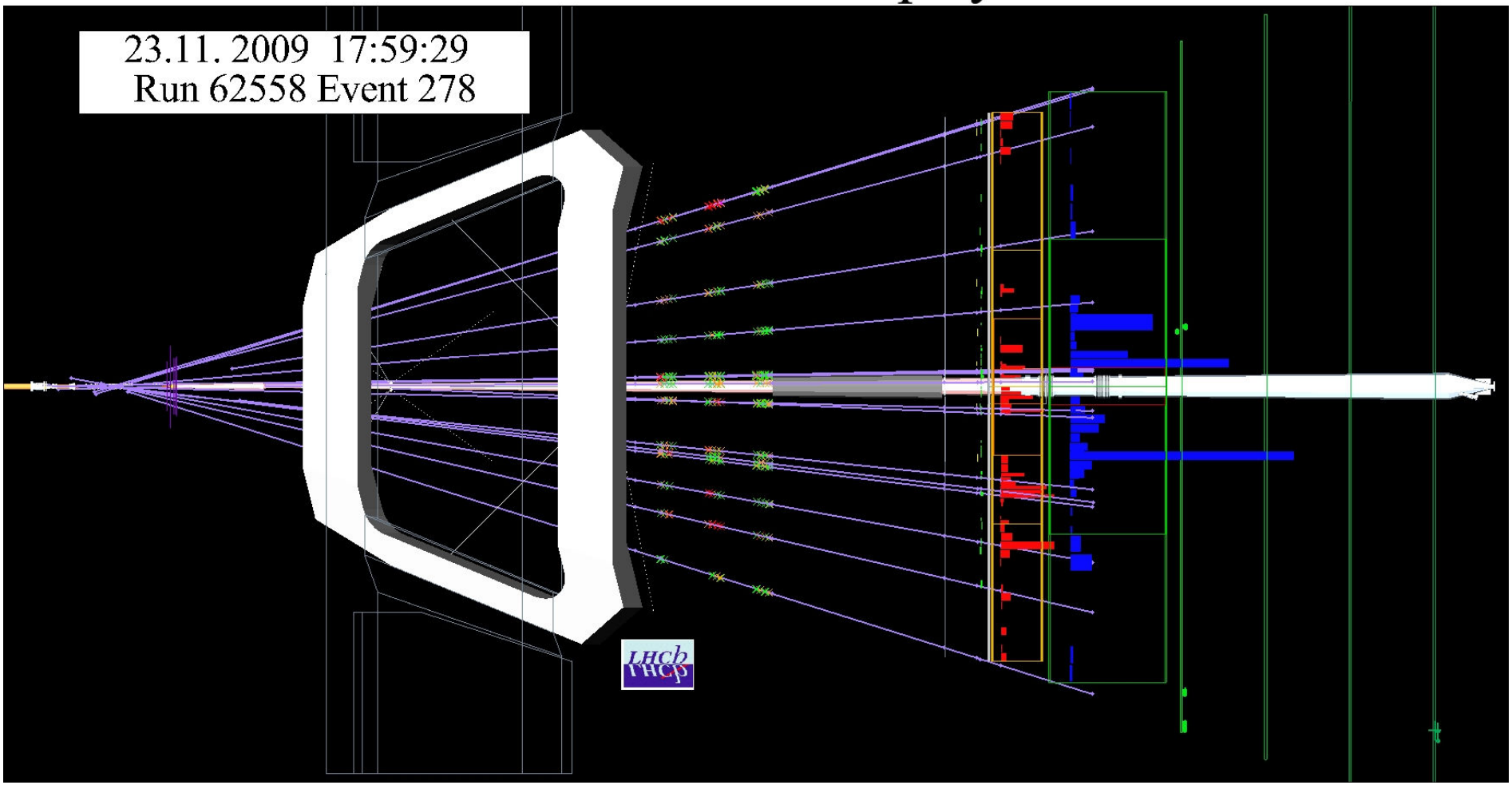
Monday 23, Nov

GDB



LHCb

LHCb Event Display



Plan

- There is a plan
  - Improve the beam
  - Collisions for calibration
  - Stop working for Christmas 18th December
  - Start again 4th January
  - Continue improving intensity and energy
  - Physics collisions at reasonable intensities ‘in the new year’.
- but no-one will publically state timescales more finely than that.

- I'd like to be able to tell sites when they can expect data
- The experiments are on constant standby ready for data at short notice.
  - They can be stood down when it is known that there will be no beam or collisions
  - But not much notice when there will.
- The sites should be too.
- Only a site can make the decision whether to schedule outages. One might think the sooner the better but do you want to be down when collisions start?