Software Workshop

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`http://www.hep.ph.qmul.ac.uk/~landon/talks`

Overview

- Software workshop planned for Wed 2 to Thu 3 March at QMUL

- Aim: discuss and plan changes and new software required for the next phase of the project in the light of experience gained (so far) in the slice tests

- Plenty of time for discussion initiated by presentations

- (NB participants please let me know about travel plans and accommodation requests)

Software Workshop Topics (1)

Rough agenda: to be tuned and prioritised

- hardware access, bit fields, drivers
- HDMC GUI
- module services: architecture
- standalone programs (kickers): architecture
- software for modules: services, use of run states,
  simulation, generators for PPM, CPM, JEM, CMM, ROD
- simulation and test vector generation
- software for production testing
- software for installation/integration
- databases (conditions and configuration)
- run control, rod crate daq

Software Workshop Topics (2)

Rough agenda (continued)

- calibration
- event and operational monitoring
- bytestream decoding
- integration/interaction with offline

- error reporting/handling/recovery
- move to new versions of OS (SLC3) and tdaq s/w