

## LHC Post Mortem Workshop - I



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### **R.F.**

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The RF acceleration (ACS) and transverse damper (ADT) systems will supply post-mortem data at various acquisition rates. The PLCs controlling the power systems acquire at a few Hz, while high-speed digitizers and acquisition buffers embedded in the low-level hardware acquire transient signals at 80 MSamples/s over time periods ranging from a few milliseconds to several hundred milliseconds. The high speed acquisitions in particular will result in high volumes of data, and some local data analysis and reduction may be necessary to alleviate this. An overview of the available data signals will be presented, along with tentative requirements on data analysis, logging and alarms.

**Presenter:** Dr BUTTERWORTH, Andrew (CERN)

**Session Classification:** Session 4