



**UNIVERSITÉ  
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## **Res. Data Session: Working with large data sets**

*Thursday 20 June 2013 15:15 (25 minutes)*

Whether large or small, data sets need to be managed. Scale however makes standard data operations more challenging, especially when the data sets expand beyond the capacities of a single data centre. Consequently replication, migration and archival require optimised, sometimes domain specific solutions. Tim will illustrate the HEP approach by describing how CERN collected 100 petabytes of research data and how it organises storage and access by researchers across the globe. He will run through the data reduction and analysis chains up to paper production, and finish with the challenges of archiving these large data sets.

**Presenter:** Dr SMITH, Tim (CERN)

**Session Classification:** Plenary 4