

# **Database Futures Workshop**

**Monday 29 May 2017 - Tuesday 30 May 2017**

**CERN**

## **Scientific Programme**

## Requirements for run3&4

Major database users will present their current database application areas and likely future needs, highlighting requirements in terms of  
Data volumes, update and access rates;  
Application criticality;  
High Availability: replication needs, business continuity, cloud services, virtualization;  
Machine learning; and  
development and deployment process---e.g. strongly managed or favouring ease of development by end-users.

## Implementations & Technologies

Presentations, or suggestions for presentations, are solicited to cover the various database engines and technologies and on interesting and/or innovative database applications, preferably focussing on an explanation of the technology chosen with reasons---and, if possible, comparisons with rejected technologies.

## Going beyond relational

Presentations, or suggestions for presentations, are solicited to cover the various technologies and use cases: Big Data, Hadoop, Spark, ...