Friday, 17 February 2017, at 15.00

LIT Conference Hall

Lamanna Massimo (CERN)

Big-data at CERN and elsewhere, a personal view

I will review some promising technology in the area of LHC data management and HEP collaborations. I will discuss the fact that most of these solutions have a value which is bigger that the LHC computing. It is becoming increasingly clear that "Big Data" requires at least 3 keystones to be the house of research and innovation in the future. These three elements are:
   • Capability/platform to match storage need with cost-effective solutions (hardware and maintenance costs)
   • Capability/platform to share data in a collaborative way
   • Capability/platform to interact and combine data into larger sets.
 In the presentation I will show and discuss, based on my experience at CERN, possible promising solutions.