

Leslie ROBERTSON

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Current assignment - Leader of the LHC Computing Grid Project

Background -

Development and management of the central computing services at CERN since 1974, taking a leading role in the evolution from super-computers through general purpose mainframes to clusters of RISC workstations and finally (at least for now) to PC-based computing fabrics. Recent specialisation has been in the area of large-scale data handling for physics analysis - particularly the hardware and software of storage systems, and cluster management. Over the past three years involved in planning of the data handling for experiments that will use CERN's new accelerator - the Large Hadron Collider (LHC). Currently leads the LHC Computing Grid project, which is preparing the environment for analysis of the PetaByte scale data collected at LHC. This includes the common libraries and frameworks required by the applications software, and the deployment of a data intensive computational grid to unite the power of giant computing clusters and storage facilities at CERN and other High Energy Physics data centres around the world.

Prior to coming to CERN, worked in the computer industry in the United Kingdom on operating system and networking software development. Chartered informatics engineer, degree in mathematical physics from the University of Edinburgh, United Kingdom.