

Dominique Missiaen



Conseil Européen pour la Recherche Nucléaire (CERN)

He graduated from the French Ecole Supérieure des Géomètres et Topographes and joined the Conseil Européen pour la Recherche Nucléaire (CERN) in 1987 where he was first in charge of the alignment of the magnets of pre-injector (LIL) of the Large Electron Positron (LEP). In 1994, date of the approval of the construction of the Large Hadron Collider (LHC), he became responsible of the internal metrology of the LHC cryo-magnets during their assemblies. Since 1988, he was also in charge of the development and the maintenance of the survey Oracle database.

In 2004, he became the deputy of the Survey and alignment group leader, mainly in charge of the alignment of the LHC components. In 2009, he took the responsibility of the whole section “Large Scale Metrology”, which is devoted to the alignment and positioning of all accelerators and detectors components at CERN.

In 2018, following a strong reorganization of several groups at CERN, he became the Survey Special Projects Coordinator with the responsibility of the development of a measurement train for automatic monitoring of the particle accelerators components position.

Since beginning 2021, he works for the Geographical Information System (GIS) at CERN with main activities linked to Oracle and Geospatial databases.