



Contribution ID: 45

Type: **Oral** - 15 min.

# Overview of the Layout Service Functionalities and their Usage to Facilitate the Assets Management at CERN

*Thursday 14 November 2013 08:45 (20 minutes)*

Since 2003, the Layout Service at CERN aims at documenting CERN's Accelerators infrastructure by modeling its topographical organization into the so called "layouts", classifying and defining the accelerators' components as Functional Positions as well as defining relationships between these components, e.g. Optical, Mechanical, Electrical, Logical. The service provides public web interfaces (<http://cern.ch/layout>) to search and navigate through the layout data structures and it also provides contextual links to related CERN Information Systems, e.g. EDMS (Documentation Management), MTF/Infor (Maintenance Management), GIS Portal (Geo-localization of components), etc. This presentation will give an overview of the Layout Service (evolution, scope, data model, interfaces) as well as how it fits into the Asset Management activities at CERN. A case study will demonstrate the benefits of the Layout functionalities and their usage in the Asset Management.

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**Session Classification:** Assets Lifecycle Management, Quality Assurance, Safety and Availability of Facilities

**Track Classification:** Asset and maintenance management tools