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Safety Organization of the ATLAS Experiment

Thursday 14 November 2013 08:30 (15 minutes)

The presentation will give a brief overview of the safety organization of the ATLAS Experiment and will introduce the current implementation status after 6 years of installation and 6 years of operation. It will also explain the principles followed of the daily safety management, the safety matrix and give notion of the various roles in the ATLAS Safety structure, i.e. GLIMOS, SLIMOS, ACR, RSO, EAM, TSO, etc., as well as present the main risks in the ATLAS experimental and services caverns and dangers linked to cryogenic, magnetic field, radiation, the presence of flammable and toxic gases, fire, etc. And finally, the implemented measures to minimise the dangers and the risks will be explained most notably the concept of work packages analyses for risk assessment for all installation and maintenance activities, the implemented active early detecting safety systems, the different levels of alarm and the corresponding safety action, the access control and evacuation plans inside ATLAS experimental areas and the FPIAA system.

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Session Classification: Work Organization, Maintenance Planning and Maintenance Experience