

Maintenance strategy at Synchrotron SOLEIL

Tuesday 13 October 2015 11:00 (30 minutes)

SOLEIL is a third generation synchrotron light source located near Paris (France), in operation since 2007. The number of beamlines opened to the users has now reached 25 and the time allocated to the user's shifts has exceeded 5000 hours these last years.

In order to have highest availability of the beam and reliability of the equipment, maintenance activities at different levels are taken very seriously at SOLEIL. The maintenance strategy which takes into account different constraints, is mainly based on a Computerized Maintenance Management System (CMMS), which in particular allows to improve the reliability and availability of equipment, provide greater flexibility, reduce costs, and facilitate reporting. All these parameters contribute to the excellence of the facility reputation.

But implementing this methodology is not easy for many reasons, related to culture (change of work habit), to the organization and to manpower. Driving change in this area is complicated and a long lasting process.

The presentation will therefore address the following points:

- The need for SOLEIL to set up a maintenance strategy that consists on common methods shared by the different groups.
- The difficulty for people to accept new work procedures.
- It will also be an opportunity to discuss the main developments of the CMMS since the last workshop at CERN in 2013.

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