Asset and Maintenance Management Workshop

Wednesday 13 November 2013 - Friday 15 November 2013

CERN

Scientific Programme

We are expecting 60-80 participants and shall organize plenary talks and discussions as well as breakout sessions on specific topics. The workshop will be accompanied by an invited talk, social functions, and visits of some of CERN's facilities.

<u>**Topics:**</u>

Asset and maintenance management strategies

Maintenance targets – availability, reliability, lifetime, budget, etc.; maintenance methods – preventive, predictive, corrective, etc.; maintenance culture – how to evolve; organization structures and roles; maintenance contracts; quality assurance in asset and maintenance management

Practical asset management

Establishing asset databases; naming questions; configuration control; management of complex technical infrastructures; managing asset lifecycles; improvement cases

Practical maintenance management

Issue management – from logbook to physical intervention; non-conformity reporting; intervention processes – work orders, scheduling, coordination, etc.; maintenance methods; planning processes; maintenance plans; maintenance and safety – e.g. work permits, lock out procedures, risk analysis; improvement cases

Documentation management

Managing documentation for operation and maintenance

Logistics aspects

Spare part management

Asset and maintenance management tools

Implementation of asset and maintenance management tools; experience with ERP, CMMS and reporting tools

Data analysis, KPIs and reporting

Asset and maintenance management performance measurement and indicators; criticality assessment methods and tools; data analysis – failure rates, MTBF, Pareto chart, Weibull analysis;

Difficulties encountered in all areas

E.g. technical difficulties, procedural difficulties, managerial difficulties

Asset and maintenance management strategies

Practical asset management

Practical maintenance management

Documentation management

Logistics aspects (spare part management)

Asset and maintenance management tools

Data analysis, KPIs and reporting

Others - Please specify in the comments fields