

From Engineering to Alignment: on the use of installation specifications based on an extended use of ISO GPS situation features at the European Spallation Source

Tuesday 8 October 2024 13:50 (25 minutes)

Over the last years, the European Spallation Source has gone through an intense phase of installation of critical equipments requiring accurate positioning. All previous efforts invested to express geometrical requirements using technical drawings and ISO GPS language have been pursued and largely applied to produce installation drawings based on a generic template. An extended use of ISO GPS situation features enabled us to carry over initial functional requirements onto alignment objectives on the field. Practical examples will be presented.

Author: REY, Fabien (European Spallation Source)

Co-author: NICQUEVERT, Bertrand (Ecole Normale Supérieure de Paris Saclay (+ LBNL + CERN on special leave))

Presenter: REY, Fabien (European Spallation Source)

Session Classification: Survey Concepts and strategy I