



Contribution ID: 855 Contribution code: MOPA162

Type: **Poster Presentation**

Elettra 2.0: Activities in the experimental Hall

Monday, 8 May 2023 16:30 (2 hours)

Elettra 2.0 is the name of the upgrade project of the existing Elettra Storage Ring (SR) and its ancillary systems. The project comprises also new beamlines (BLs) and the re-allocation of some of the currently operational ones.

Consequently, the “Experimental Hall” (EH) of Elettra, i.e. where the beamlines are installed, is another working area with activities that have started well before the scheduled “Dark Period” (DP) when we will dismantle Elettra and install Elettra 2.0.

The installation of the beamlines implies, among many more activities, the partial reconfiguration of the shielding wall of the SR tunnel. Some of these local re-arrangements can be performed before the DP, during maintenance shutdowns of Elettra, in those portion of the EH not currently occupied by working beamlines. The reconfiguration of the shielding wall requires a design that merges SR and BLs specifications, as well as careful planning of on-site activities, spanning from survey and tracing of the new positions of the blocks, to plants re-arrangement, to handling and transportation of concrete blocks up to 6 tons.

This paper illustrates the status of the reconfiguration activities of the Experimental Hall.

Funding Agency

Footnotes

Please, check the co-author Marco Milani: after an initial error, he corrected his family name (2nd letter is “i”, not “l”): I get only the wrong version

I have read and accept the Privacy Policy Statement

Yes

Primary author: VISINTINI, Roberto (Elettra-Sincrotrone Trieste S.C.p.A.)

Co-authors: BARBO, Fabio (Elettra-Sincrotrone Trieste S.C.p.A.); BUONANNO, Alberto (Elettra-Sincrotrone Trieste S.C.p.A.); MILANI, Marco (Elettra-Sincrotrone Trieste S.C.p.A.); SIMONETTI, Giovanni (Elettra-Sincrotrone Trieste S.C.p.A.)

Presenter: VISINTINI, Roberto (Elettra-Sincrotrone Trieste S.C.p.A.)

Session Classification: Monday Poster Session

Track Classification: MC2: Photon Sources and Electron Accelerators: MC2.A05: Synchrotron Radiation Facilities