



Contribution ID: 2628 Contribution code: MOPA166

Type: **Poster Presentation**

## **Protection of insertion devices against radiation damage at ESRF-EBS**

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

The user service mode of ESRF started in August 2020 after the installation of the new EBS machine, replacing the original ESRF DBA storage ring. All the insertion devices (IDs) were stored and re-installed to be available from day-1 of the accelerator commissioning. A major concern was, and still is, to preserve them as much as possible from demagnetization, both low gap in-vacuum devices and in-air undulators. This paper presents the strategy put in place for the commissioning, and in a longer term over the first years of operation, to reduce the risk of radiation damage of the IDs.

### **Funding Agency**

### **Footnotes**

### **I have read and accept the Privacy Policy Statement**

Yes

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**Session Classification:** Monday Poster Session

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