



Contribution ID: 2

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## **Undulator control systems installed inside the accelerator tunnel.**

*Tuesday 23 May 2023 14:10 (20 minutes)*

Experiences with undulator control systems installed inside the accelerator tunnel, using Beckhoff PLC, Ether-Cat fieldbus and Heidenhain absolute encoders will be documented. This includes different generations of soft PLCs and motor drivers which performed sometime in an unexpected way. Examples of projects realized using Beckhoff PLC will be used to highlight some open issues which we would like to discuss together with the rest of the participants.

**Presenter:** Dr BRÜGGER, Marc (PSI)

**Session Classification:** Afternoon session