MATTER AND TECHNOLOGIES

Contribution ID: **136**   Type: **Parallel talk**

Current Development of Automated Accelerator Controls at DESY

Tuesday 27 September 2022 16:30 (15 minutes)

In this talk, we introduce you to the recent progress of automated methods for accelerator controls at DESY. We present our activities towards automated control using reinforcement learning. We show our activities in automated control and software development for controls of the PETRA III storage ring. Lastly, we demonstrate our recent progress in data-driven anomaly detection activities at European XFEL.

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Session Classification: Data Management and Analysis