Contribution ID: **61**   Type: **Invited Talk**

ML applications at BESSY

Monday, February 5, 2024 2:30 PM (30 minutes)

In order to improve BESSY's experimental environment, several ML-based applications are used at HZB. These efforts cover challenges arising at the accelerator, beamlines and detectors at the experiment. This talk provides on overview of these activities focussing on RL and providing insights in the optimization of a beamline, tuning of an e-gun as well as electron beam positioning in BESSY's storage ring. The limitations of RL and the reason to also use user ML-techniques are also discussed and presented by various examples.

Possible contributed talk

No

Are you a student?

No

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Session Classification: Invited Talks