## Artificial Intelligence for the Electron Ion Collider (AI4EIC) 2025



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## **Examples of AI for Particle Physics**

Wednesday 29 October 2025 11:45 (20 minutes)

We give two examples of using the diffusion model for Physics. The first is in the LHC CaloChallenge. The second study is unfolding and surrogates for Jefferson Laboratory physics.

Presenter: FOX, Geoffrey (University of Virginia)Session Classification: Trends in Data Science