Contribution ID: **266** Type: **Plenary**

Machine Learning for Beyond the Standard Model Physics

Thursday, 27 October 2022 12:00 (30 minutes)

In this talk I discuss how machine learning can be used for identifying underlying mathematical structures in physical systems. Geared towards relevant structures in Beyond the Standard Model Physics I will focus on how we can use ML to discover symmetries. I discuss how standard ML pipelines have to be adopted to enable such discoveries and comment on further applications of these methods in physics beyond symmetries.

Experiment context, if any

References

Significance

Presenter: KRIPPENDORF, Sven

Session Classification: Plenary