Contribution ID: **10**   Type: **Talk**

Can Machine Learning Rid Us Of Systematic Uncertainties?

Saturday 5 September 2020 15:30 (30 minutes)

In the past few years a number of new advanced machine learning tools and techniques have become available for data analysis. Besides offering improved ways to tackle old problems of interest to fundamental physics, such as event classification for signal enhancement, they also provide entirely new solutions to previously unapproachable issues. In this talk will be given an overview of recently proposed methods to reduce the deteriorating impact of systematic uncertainties on parameter estimation. Their potential of improving the measurement capabilities of experiments in HEP and astro-HEP is very significant.

Internet talk

Is this abstract from experiment?

No

Name of experiment and experimental site

N/A

Is the speaker for that presentation defined?

Yes

Details

invited to present talk

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Session Classification: Plenary