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ML in theoretical physics: from PDFs to MC tools

Monday, August 21, 2017 11:30 AM (30 minutes)

We start the discussion by summarizing recent and consolidated applications of ML in TH-HEP. We then focus our discussion on recent studies about parton distribution functions determination and related tools based on machine learning algorithms and strategies. We conclude by showing future theoretical applications of ML to Monte Carlo codes.

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Session Classification: Plenary