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## Machine Learning in PDF determination: NNPDF4.0

*Thursday, May 26, 2022 2:15 PM (20 minutes)*

In this talk we present the methodology used in the NNPDF4.0 global analysis. We introduce state of the art techniques in Machine Learning applied to PDF determination, automatised hyperparameter selection and tests to asses the quality and reliability of the methodology.

The entire methodology is open sourced and available for users willing to perform their own PDF analysis.

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