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Type: **Talk**

A Boosted kNN Regressor With 66 Million Parameters

Wednesday 7 September 2022 09:25 (25 minutes)

We demonstrate how a nearest-neighbor algorithm can be endowed with a large number of free parameters by assigning weights and biases to all training events. The simultaneous optimization of the large number of parameters by gradient descent allows to obtain similar performances to those of neural networks or boosted decision trees, although at a much higher CPU price.

Is this abstract from experiment?

No

Name of experiment and experimental site

N/A

Is the speaker for that presentation defined?

Yes

Details

Dr Tommaso Dorigo, INFN, Sezione di Padova, Italy
www.pd.infn.it

Internet talk

Maybe

Author: DORIGO, Tommaso (Universita e INFN, Padova (IT))

Presenter: DORIGO, Tommaso (Universita e INFN, Padova (IT))

Session Classification: Mini-workshop on Machine Learning for Particle Physics

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