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[396] zfit: scalable pythonic fitting

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Statistical modelling is a key element in many parts of physics, especially in High-Energy Physics (HEP). zfit is a Python library for unbinned, likelihood model fitting. Its main computational backend is TensorFlow, an easy-to-use, highly scalable computing library similar to Numpy. zfit provides a high level interface for advanced model building and fitting while also designed with a unified interface to be easily extendable, allowing the usage of custom and cutting-edge developments from the scientific Python ecosystem in a transparent way.

This talk presents zfit and its usability for data analyses in physics, especially in HEP, as well as recent developments and improvements to the library.

Authors: PUIG NAVARRO, Albert (Universität Zürich (CH)); ESCHLE, Jonas (Universitaet Zuerich (CH)); MARI-NANGELI, Matthieu (EPFL - Ecole Polytechnique Federale Lausanne (CH)); SERRA, Nicola (Universitaet Zuerich (CH)); SILVA COUTINHO, Rafael (Universitaet Zuerich (CH))

Presenter: ESCHLE, Jonas (Universitaet Zuerich (CH))

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