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Recent QCD results from the xFitter project

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We present the xFitter project which provides an open-source software framework for the determination of the proton's parton distribution functions and for the interpretation of the physics analyses in the context of Quantum Chromodynamics. The project has been used for a number of analyses performed by the LHC collaborations and theory community, which are summarised briefly. The xFitter program has been updated recently to a new version with new features and a more flexible development interface. Recent results obtained by the xFitter developers'team are discussed as well.

Submitted on behalf of a Collaboration?

Yes

Participate in poster competition?

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