

# DIS2023: XXX International Workshop on Deep-Inelastic Scattering and Related Subjects



Contribution ID: 114

Type: **Parallel talk**

## MSHT PDF Updates.

*Tuesday 28 March 2023 14:20 (20 minutes)*

We provide a summary of recent developments on the MSHT parton distribution functions. This includes the addition of a variety of new data sets into the fit, and the potential impact of EIC data. The primary impact is seen on the details of the high- $x$  PDFs. We also consider the impact of procedural choices, and the effect of changes of PDFs on predicted cross sections.

### Submitted on behalf of a Collaboration?

No

### Participate in poster competition?

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**Session Classification:** WG 1

**Track Classification:** WG1: Structure Functions and Parton Densities