

## Deep Inelastic Scattering 2025



Contribution ID: 138

Type: **not specified**

### First Physics Results from milliQan

We will report the status of the milliQan experiment at CERN. The milliQan “bar” detector was completed in June 2023 and has been taking physics data since then. The milliQan “slab” detector was completed in Fall of 2024 and is being commissioned. We will give an update on the readiness of the slab detector for physics data taking. Finally, we will present first physics results on the search for millicharged particles in  $127 \text{ fb}^{-1}$  pp collision data recorded by the bar detector during Run 3 of the LHC.

**Author:** HILL, Chris (Ohio State University (US))

**Co-author:** HAAS, Andy (New York University)

**Presenter:** HILL, Chris (Ohio State University (US))

**Session Classification:** WG3: Electroweak Physics and Beyond the Standard Model

**Track Classification:** Electroweak Physics and Beyond the Standard Model