



Contribution ID: 542

Type: **Invited talk**

Weak charge of the proton

Monday 12 December 2022 16:00 (30 minutes)

We report on a recent determination of the weak charge of the proton in parity-violating electron–proton scattering. The result is in excellent agreement with the standard model prediction, providing bounds on new physics interactions at the multi-TeV mass scale.

Author: YOUNG, Ross

Presenter: YOUNG, Ross

Session Classification: AIP: Nuclear and Particle Physics

Track Classification: AIP Congress: AIP: Nuclear and Particle Physics