



Contribution ID: 102

Type: Poster

## Evidence from CDF II and Muon $g-2$ for a new particle at $80.4287(22) \text{ GeV}/c^2$

*Tuesday 13 December 2022 18:45 (15 minutes)*

Recent measurements of W mass and muon gyromagnetic anomaly disagree with the Standard Model. Both are reconciled by a preon model, with tension under 0.5 sigma and first-principles prediction of W and Z masses.

**Primary author:** Dr PFEIFER, Robert

**Presenter:** Dr PFEIFER, Robert

**Session Classification:** Poster session

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