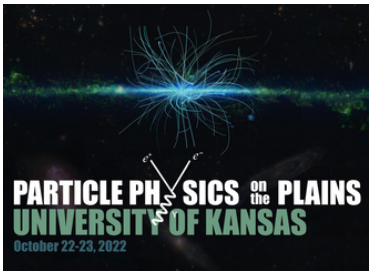

Contribution ID: **42** Type: **not specified**

Connecting Cabibbo Angle Anomaly and CDF W mass

Sunday 23 October 2022 09:00 (20 minutes)

High precision determinations of V_{ud} and V_{us} indicate a $\sim 4\sigma$ deficit in the first-row unitarity of the CKM matrix, commonly referred to as the Cabibbo Angle Anomaly (CAA). We explore a vector-like quark solution to the anomaly in a UV-complete left-right symmetric model, in correlation with the recent W-boson mass shift reported by the CDF collaboration.

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Session Classification: Session 5