

Phenomenology 2018 Symposium



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LU···anomalies, naturalness, new physics & more

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Recent years have seen a plethora of indications of deviations from the SM. Most notables among these are LUV in charge as well as in neutral current processes, in the muon ($g-2$) and last but not least in the direct CP violation parameter (ϵ_{PS}). In this talk three issues regarding these anomalies will be discussed. First a careful critique and reservation of the status of each anomaly will be discussed. Second, model independent implications wherever possible will be offered. Lastly assuming the anomalies will survive further scrutiny, a theoretically attractive set up that addresses these concerns will be discussed.

Summary

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