

# The XXIX International Conference on Supersymmetry and Unification of Fundamental Interactions (SUSY 2022)



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## Anomalies in Particle Physics

*Friday 1 July 2022 09:00 (30 minutes)*

I review the deviations from the Standard Model predictions observed in low energy precision measurements. This includes the anomalous magnetic moment of the muon, semi-lepton B meson decays, the Cabibbo Angle anomaly, the mass of the W boson and searches for very high-energetic lepton pairs. I then discuss the implications of these anomalies for possible extensions of the Standard Model.

**Presenter:** CRIVELLIN, Andreas (PSI & UZH)

**Session Classification:** Plenary