

## The $\epsilon'$ anomaly: consequences for supersymmetry and $K \rightarrow \pi \nu \bar{\nu}$

*Friday 21 April 2017 11:23 (23 minutes)*

The measure  $\epsilon'$  of direct CP violation in  $K \rightarrow \pi\pi$  decays disagrees with the Standard-Model prediction by 2.8 standard deviations. It is possible to explain this discrepancy with supersymmetric contributions involving squarks and gluinos in the multi-TeV range. I discuss the footprint of this scenario on the rare decays  $K^+ \rightarrow \pi^+ \nu \bar{\nu}$  and  $K_L \rightarrow \pi^0 \nu \bar{\nu}$ .

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**Session Classification:** Flavor