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## The $b \rightarrow s \ell \ell$ anomalies: New physics or hadronic effects?

*Monday, 29 August 2016 15:45 (20 minutes)*

The LHC has found several anomalies in exclusive semileptonic  $b \rightarrow s \mu \mu$  decays with a global significance of more than 4 sigma. I will discuss the hadronic uncertainties entering the theoretical prediction for the relevant decays and present model-independent global fits of new physics to the data. The discrimination between high-scale new physics and low-energy QCD effects, as well as the possibility of lepton-flavour universality violation are discussed.

### Summary

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