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# New physics in b->c cbar s transitions

*Wednesday 23 May 2018 10:00 (30 minutes)*

b->c cbar s transitions proceed at the tree-level in the weak interactions in the Standard Model, and for this reason are typically ignored in the search for new physics. I will show that, in fact, even small BSM contributions can give observables effects in B-meson lifetime observables, CP-violation measurements, as well as rare and radiative decays. This can provide useful constraints on or possible signatures of new physics, and may even play a role in some of the anomalies seen in rare semileptonic B-decay.

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