Contribution ID: **9**   Type: **not specified**

Charming Dark Matter

Thursday, 14 January 2016 14:55 (25 minutes)

Dark matter models are often studied using the *Minimal Flavour Violation* framework which restricts the new physics in various flavour measurements (e.g. meson mixing, rare decays).

I will talk about an extension of minimal flavour violation that allows for sizeable contributions to flavour observables, and explain how neutral meson mixing can constrain certain dark matter models in this extended framework. I will also present an initial look at the constraints on my model from both flavour and dark matter observables.

Primary author: Mr KIRK, Matthew (IPPP, Durham University)

Presenter: Mr KIRK, Matthew (IPPP, Durham University)

Session Classification: Parallel session