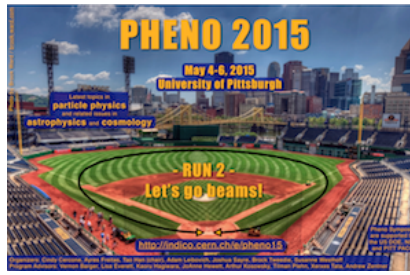


Phenomenology 2015 Symposium



Contribution ID: 8

Type: **parallel talk**

Baryonic Dark Matter

Tuesday, 5 May 2015 14:00 (15 minutes)

I present an extension of the Standard Model in which baryon number is a local gauge symmetry that can be spontaneously broken at the low scale without introducing dangerous operators mediating proton decay. In this model, the dark matter candidate is a Dirac fermion with baryon number. I discuss the prospects for direct and indirect dark matter detection, as well as collider signatures of the model.

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Session Classification: Dark Matter III