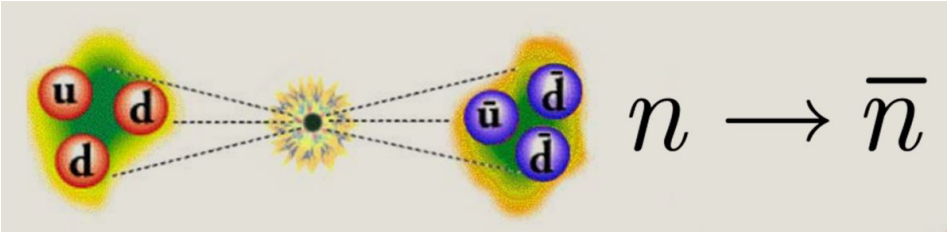

Contribution ID: **42** Type: **Oral Presentation**

Perspectives on Baryon Number Violation

Thursday, August 6, 2020 1:00 PM (30 minutes)

In this talk I discuss baryon number violation and the relationship between processes that violate it by one or two units. While proton decay searches currently probe baryon number violation by one unit up to very high scales, those that violate it by two units can be directly motivated by the baryon asymmetry of the universe and can be the leading baryon number violating signal in some models. I will also describe some recent work involving new signatures of baryon number violation such as the decay of atomic hydrogen.

Contribution Title

Perspectives on Baryon Number Violation

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Presenter: MCKEEN, David (TRIUMF)