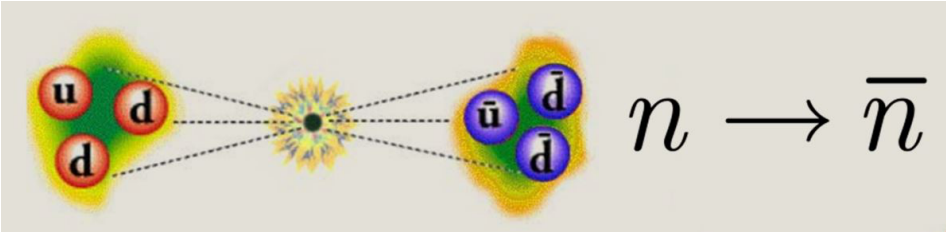

Contribution ID: **27** Type: **Oral Presentation**

Baryon-number violation by two units in chiral effective field theory

Tuesday, August 4, 2020 10:00 AM (30 minutes)

I discuss a framework based on chiral effective filed theory for treating baryon-number violation by two units in nuclei. The deuteron lifetime is used as an application to illustrate this framework. The emphasis is given to how a consistent power counting is built and what statements can be drawn out of it.

Contribution Title

Baryon-number violation by two units in chiral effective field theory

Primary authors: LONG, Bingwei; OOSTERHOF, Femke; DE VRIES, Jordy; TIMMERMANS, Rob; VAN KOLCK, Ubirajara

Presenter: LONG, Bingwei