



Contribution ID: 23

Type: **Invited Talk**

## **Electroweak properties of light nuclei in chiral effective field theory**

*Tuesday, 1 August 2023 09:00 (35 minutes)*

Electroweak properties of light nuclei not only shed light on the rich interplay between the electroweak and strong nuclear interactions but also help us provide constraints on astrophysical phenomena such as stellar/big-bang nucleosynthesis and on tests of fundamental symmetries. In this talk, I discuss recent progress in progress in chiral-effective-field-theory studies of electroweak observables in light nuclei with an emphasis on the quantification of theory uncertainties.

**Primary author:** ACHARYA, Bijaya (Oak Ridge National Laboratory)

**Presenter:** ACHARYA, Bijaya (Oak Ridge National Laboratory)

**Session Classification:** Tuesday Plenary Session (AudiMax)