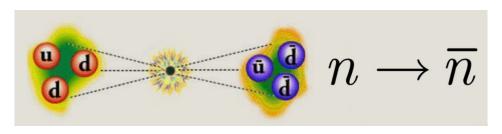
Theoretical Innovations for Future Experiments Regarding Baryon Number Violation, Part 1



Contribution ID: 29

Type: Oral Discussion Leader

Differences in Intranuclear Suppression Factors: Why? How is it important?

Tuesday, 4 August 2020 11:30 (30 minutes)

The following questions are often raised when discussing the neutron-antineutron oscillations nuclei:

- How well is known the nucleon-antinucleon interaction?
- How well is known the antinucleon-nucleus interaction?
- Is the shell model an appropriate tool?
- How comes that the neutron-antineutron oscillation takes place mainly at the surface of the nucleus?
- What type of final state is expected for antineutron-nucleus annihilation arising from neutron oscillation?

The above issues, and others, will be adressed during the discussion session.

Contribution Title

Differences in Intranuclear SuppressionFactors: Why? How is it important?

Primary authors: RICHARD, Jean-Marc (IP2I, IN2P3, U. of Lyon); LONG, Bingwei (Sichuan University)

Presenters: RICHARD, Jean-Marc (IP2I., IN2P3, U. of Lyon); LONG, Bingwei (Sichuan University)

Session Classification: Discussions