



Contribution ID: 131

Type: Oral

## Testing creation of matter with neutrinoless double beta decay

*Tuesday, 17 October 2017 10:00 (30 minutes)*

In this talk, the importance of the so called “neutrinoless double beta decay” transition in the search for physics beyond the Standard Model is emphasized. The expectations for the transition rate are examined in the assumption that ordinary neutrinos have Majorana masses. We stress the relevance of cosmological measurements and discuss the uncertainties implied by nuclear physics. Work based on the review paper *Adv.High Energy Phys.* 2016 (2016) 2162659

**Primary author:** VISSANI, Francesco (LNGS)

**Presenter:** VISSANI, Francesco (LNGS)

**Session Classification:** Plenary