

The mass of the neutrino - truly

Thursday 21 June 2018 11:50 (20 minutes)

Precision measurements of the kinematics of the weak beta decay processes are a model independent and direct approach to determine the absolute neutrino mass. This presentation reviews the current status of direct neutrino mass searches. The Karlsruhe TRItium Neutrino experiment (KATRIN) is commencing data taking and will be discussed in detail. Future experiments and prospects to detect spectral features from beyond standard model particles and effects will be assessed.

Author: HELBING, Klaus (University of Wuppertal)

Presenter: HELBING, Klaus (University of Wuppertal)

Session Classification: Plenary presentations