

EXO R&D in Bern

Saturday 23 January 2010 11:30 (20 minutes)

The EXO collaboration aims to detect the neutrino-less double beta decay using xenon isotopically enriched in the isotope 136. R&D is being conducted in Bern, Switzerland, towards the construction of a ton-class detector. A high-resolution micropattern (MicroMegas) readout system is being studied. The scheme offers full tracking capabilities and 3D event reconstruction for possible application in a future gas-phase EXO detector.

Presenter: GIROUX, Guillaume

Session Classification: Student talks