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KATRIN outreach from KIT

Discover the KATRIN experiment online inside your browser!
The KArlsruhe TRItium Neutrino (KATRIN) experiment performs a model-independent measurement of the electron neutrino mass via the tritium beta spectrum near its energetic endpoint.
KATRIN employs the MAC-E filter principle in a 70 meter long beamline, including a 20 meter long main spectrometer and a high-luminosity tritium source.
This contribution to the Science Fair takes you on a virtual trip to the KATRIN experiment and shows you the scale and complexity of its beamline in five 3D panoramas.
Take the guided tour (in German) or discover the technology and history of KATRIN in free exploration and at numerous info points –maybe even some scientists from the KATRIN collaboration will drop by and talk about their work.
In a second application, you can further take an interactive look at the KATRIN detector section and its layered setup.

Keywords

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