

VENu

The virtual environment
for neutrinos

The image shows a neutrino candidate event recorded on October 23, 2015

Would you like to see inside a neutrino detector and observe neutrinos with your phone? Do you wonder how we make neutrinos and how we detect them? The brand new VENu smartphone app offers all of this and more!

Download the mobile app,
go to venu.physics.ox.ac.uk



Download on the
App Store



GET IT ON
Google Play

Works with Google Cardboard



μBooNE

www-microboone.fnal.gov

VENu

Try hunting neutrinos with the VENu game!



Neutrinos are difficult to capture but scientists are getting very good at it. State-of-the-art detectors, like the MicroBooNE detector located in the USA, are now recording neutrino interactions. These will help scientists to understand more of this elusive and puzzling particle. This new App allows to visualise in 3D real neutrino interactions inside the MicroBooNE detector and to learn more about neutrinos. The game provided will challenge you to find the neutrino interactions among the cosmic-ray background, similar to how neutrino physicists do their analysis!

Contacts:

Marco Del Tutto: marco.deltutto@physics.ox.ac.uk
Roxanne Guenette: roxanne.guenette@physics.ox.ac.uk



UNIVERSITY OF
OXFORD