

The LPPP - A Particle Physics Simulation for Outreach

The Lancaster University HEP group has developed a particle physics simulation for UK based Masterclasses aimed at A-level students:

<http://lppp.lancs.ac.uk/> The Lancaster Particle Physics Package is based on a toy Monte Carlo and takes students from the basic principles of particle kinematics to neutrino oscillations and Higgs branching ratios.

While being continuously updated and improved, the LPPP has been used in the UK for almost 20 years. In this talk the simulation is presented as well as use cases for outreach are given. The wider framework of its use within the Lancaster and UK outreach activities will be discussed.

I intend to submit my contribution for the proceedings

Yes

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