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Simulating GeV particles in a very large liquid scintillator detector[1] JAREK KASPAR, CENPA, University of Washington — Large liquid scintillation detectors could be an alternative to water Cherenkov and liquid Argon detectors for high energy neutrino measurements, in the GeV energy range, suitable for both cosmic ray studies and a long baseline neutrino experiment. In this talk, I will demonstrate the ability to distinguish the lepton flavor, discuss sensitivity to pions, protons and neutrons, and show a simple track finder.

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