

## **ACCEPTANCE OF THE PIERRE AUGER SOUTHERN OBSERVATORY TO NEUTRINO-LIKE AIR SHOWERS**

C.K.GUÉRARD

(1)IEKP-Universitaet Karlsruhe

We compute the acceptance of the Southern Pierre Auger Observatory to neutrino-like showers and, based on modern neutrino flux models, estimate that the rate for detection of such showers arising from electron-neutrino and electro-antineutrino interactions on nucleons will be  $\sim 2$  per year at best above 10 EeV.