

SIMULATED PERFORMANCE OF THE SILICON-TUNGSTEN CALORIMETER FOR ACCESS

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The design of the Silicon Tungsten (Si-W) calorimeter for ACCESS is an evolution of the Si-W imaging detectors currently used by the WiZard collaboration in balloon borne and spacecraft based cosmic ray experiments. We present a detailed analysis of this design and of its simulated performance for cosmic rays with energies from 1 TeV to 1000 TeV.