

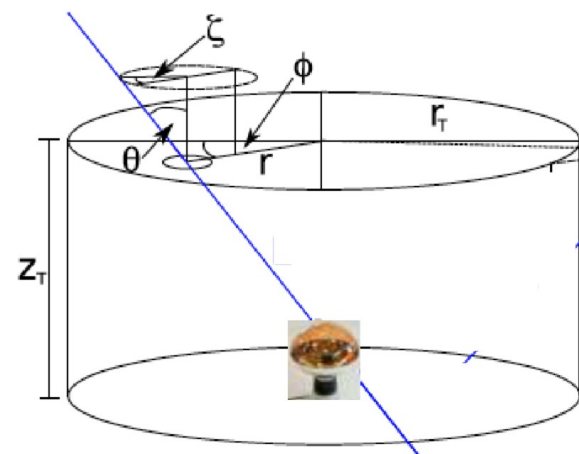
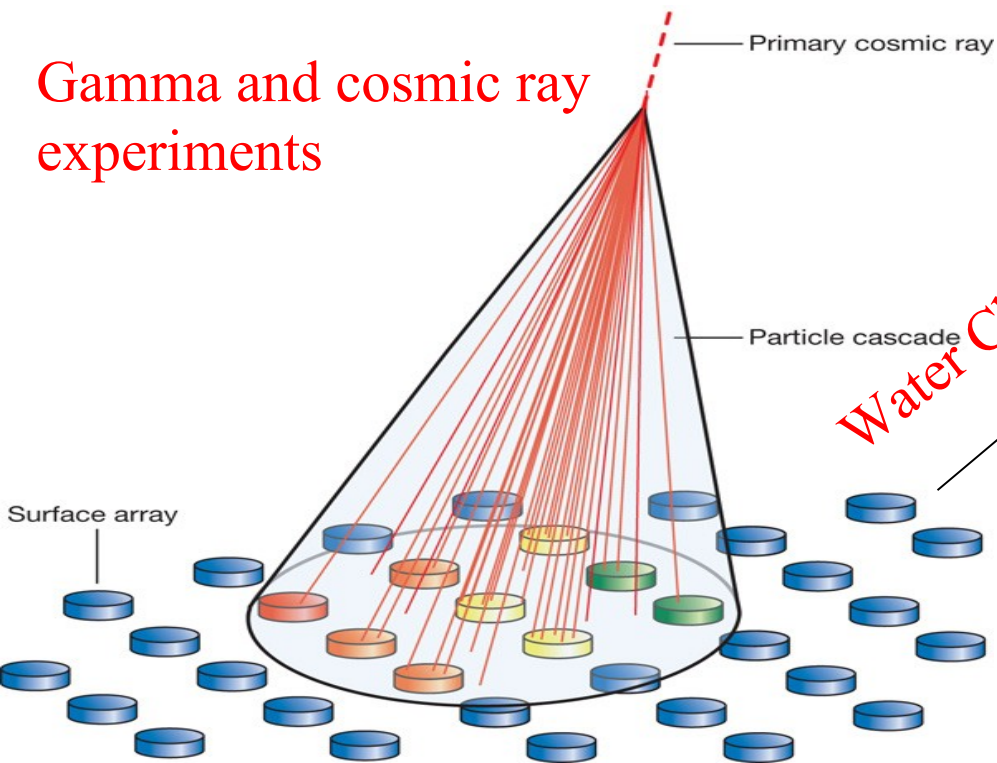
Towards a fast simulation of a water Cherenkov detector for gamma ray and cosmic ray experiments

Analisa Mariazzi, Patricia Hansen, Diego Melo & Lukas Nellen

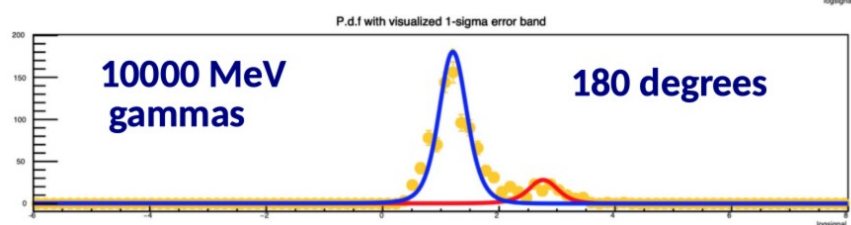
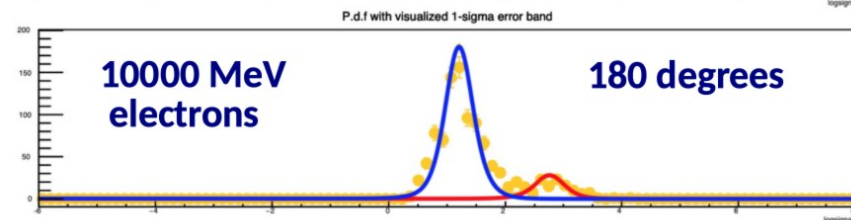
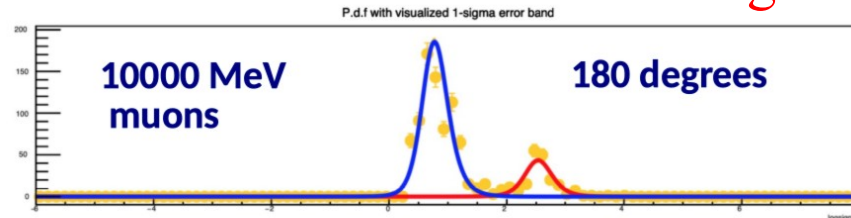


What is this work about ?

Gamma and cosmic ray experiments



Water Cherenkov detector signal



Time consuming full detailed simulations !



FAST SIMULATION ?