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Cherenkov propagation optimization in Corsika 7 for the CTA use case

Wednesday, June 24, 2020 2:30 PM (10 minutes)

We will report about the optimization work done so far on CORSIKA 7 for the use case of CTA. We will present in particular how we have applied vectorization techniques to the Cherenkov module obtaining a speed-up of almost a factor 2.

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