

## Air shower simulations with CORSIKA 8

*Monday 10 January 2022 12:10 (25 minutes)*

The novel air shower simulation framework CORSIKA 8 is introduced and its main features are highlighted. Detailed comparisons to other codes are shown, which serve both as validation but also as hints to so far poorly known hidden uncertainties in air shower simulations. A focus is made on muon observables in the discussion.

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