

Next-Generation UHECR Research with GCOS

Friday, October 7, 2022 10:00 AM (20 minutes)

The Global Cosmic Ray Observatory (GCOS) is a proposal for a ground-based detector to measure the properties of the highest-energy particles in the Universe with unprecedented precision after the year 2030. In this contribution we will report on the results from the GCOS 2022 workshop, in which basic parameters for a the detector design were defined and we will discuss preliminary estimates of the physics reach of such a next-generation cosmic-ray facility.

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