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Hardware and first results of Tunka-HiSCORE

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As a non-imaging wide-angle Cherenkov air shower detector array with an area of up to 100 km², HiSCORE (Hundred Square km Cosmic ORigin Explorer) is built to measure gamma rays and cosmic rays in an energy range of 10 TeV up to 1EeV. Three stations consisting of light collector Winston cones equipped with photomultiplier tubes have already been deployed to Tunka Valley, Russia. The first results and the most important hardware components are presented on this poster.

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