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## The global CREDO cosmic radiation research project and the synergy of its extensive scientific research and popularization activities

The CREDO scientific project was established in 2018 to create networks of detectors across the Earth to record cosmic radiation. This network is being created very dynamically (several million particle registrations so far) and its main purpose is to detect correlations between atmospheric showers in different parts of the Earth, i.e. to study primary cosmic radiation showers arising far outside the Earth's atmosphere. Scientific conclusions from the registration of such showers concern dark matter, superheavy particles outside the Standard Model and the quantum structure of space. A very recent CREDO observation is the correlation between global cosmic ray recordings and Earth's global seismic activity. All these goals and initial results are the first to be launched on Earth on such a large scale and with such great determination. The motivation of this presentation is to familiarize you with the goals and current activities of CREDO and to encourage you to participate widely on many levels: from collecting data, through their analysis, to drawing scientific conclusions.

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