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Direct search for dark matter at Gran Sasso National Laboratories

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Astronomical and cosmological observations indicate that a large amount of the energy content of the Universe is made of dark matter, whose nature is still unknown. A worldwide experimental effort is ongoing to directly detect the interactions of the particles composing dark matter, so to be able to study their properties. Gran Sasso National Laboratories host a few experiments which make use of different detection techniques in order to search for dark matter particles. A review will be given of the various detectors and of their main results.

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