

Dark Matter Direct Detection Experiments

Wednesday, 27 October 2021 20:30 (30 minutes)

The dark matter exists from many cosmological indirect evidences. In order to search dark matter directly, energy deposition due to interactions between dark matters and normal matters can be measured with multiple advanced techniques. This talk will summarize the current and planned dark matter direct detection experiments with dark matter mass range from MeV/c^2 to TeV/c^2 , including experimental approaches, detector setups, results and potentials. Also, some novel ideas will be introduced here.

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Plenary talk

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