

Particle physics with neutrino Telescopes

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The field of neutrino telescopes is continuously growing and better and more experimental data is becoming available. Besides the continuing interest in neutrino astronomy, these detectors can also be used for particle physics. In particular are neutrino telescopes complementary to lab based experiments, such as accelerators, offering different energy ranges and coming with different sources of systematic uncertainties.

In this talk I will highlight recent results, in particular for neutrino oscillations within the standard 3-flavour paradigm and beyond, and explore some exciting future directions.

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