

Exploring the Universe with neutrinos and gravitational waves

More than 100 years ago, cosmic rays were discovered. Through the studies of cosmic rays and related phenomena, we learned that there are various high energy phenomena in the Universe that cannot be studied by optical telescopes. For example, the mechanism of Supernova explosion can be understood only by the observations of neutrinos and gravitational waves. In this talk, I will discuss various studies with neutrinos and gravitational waves to explore the Universe. In particular, I will focus on our studies in Kamioka.

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