## PASCOS 2016: 22nd International Symposium on Particles, Strings and Cosmology



Contribution ID: 166

Type: not specified

## Measuring Velocity Distribution of Dark Matter by Directional Detection

Tuesday 12 July 2016 13:05 (20 minutes)

Direct detection of dark matter in which we can observe not only the recoil energy but also the direction, will be forthcoming generation project. I will discuss the possibility to measure the velocity distribution of dark matter using the directional detections. Especially, it is expected to be efficient to distinguish isotropic distribution models from non-isotropic ones.

Summary

Primary author: NAGAO, Keiko
Co-author: Dr NAKA, Tatsuhiro (Nagoya University)
Presenter: NAGAO, Keiko
Session Classification: Parallel III

Track Classification: Dark Matter, Dark Energy, Astroparticle