



Contribution ID: 58

Type: **Parallel talk**

## **Novel Method for Detecting Ultralight Dark Matter**

*Tuesday 20 June 2017 17:45 (15 minutes)*

Ultralight bosonic particle is one of the dark matter and called fuzzy dark matter.

Its astrophysical properties are interesting and have been recently studied.

On the other hand, the detection method is less discussed. We propose a new method to detect them using the motions of heavenly bodies.

(This is a work in progress)

### **Presentation type**

Parallel talk

**Author:** FUKUDA, Hajime (The University of Tokyo)

**Co-authors:** Dr MATSUMOTO, Shigeki (Kavli IPMU); Prof. YANAGIDA, Tsutomu (Kavli IPMU)

**Presenter:** FUKUDA, Hajime (The University of Tokyo)

**Session Classification:** Parallel III