

The gravitational wave and radio signals of ultralight dark matter

Saturday 20 July 2024 14:45 (15 minutes)

We study the new approaches to explore the ultralight (axion) dark matter by gravitational wave experiments and radio telescope based on the superradiance process and resonant conversion process.

Alternate track

1. Dark Matter Detection

I read the instructions above

Yes

Primary author: Prof. HUANG, Fa Peng (Sun Yat-sen University)

Presenter: Prof. HUANG, Fa Peng (Sun Yat-sen University)

Session Classification: Astro-particle Physics and Cosmology

Track Classification: 08. Astro-particle Physics and Cosmology