

Session Program

10-14 Nov 2025

Axions in Japan

Parallel session - Experiments II

Kavli IPMU, Lecture Hall

Kavli Institute for the Physics and Mathematics of the Universe, The University of Tokyo 5-1-5
Kashiwanoha, Kashiwa, Chiba, 277-8583, Japan

Tuesday 11 November

14:00

Parallel session - Experiments II

Session | **Location:** Kavli IPMU, Seminar room B, Ground floor of Kavli IPMU, next to the Lecture Hall

14:00–14:20

Toward remote sensing of backward reflection from stimulated axion decay

Speaker

Kensuke Homma

14:20–14:40

A Way of Axion Detection with Mass $10^{-4}\text{eV} \sim 10^{-3}\text{eV}$ using Cylinder with Low Electric Conductivity

Speaker

Aiichi Iwazaki

14:40–15:00

Axion dark matter search using quantum sensing of magnons: Estimation of sensitivity for Kittel mode - superconducting qubit hybrid

Speaker

Yaman Singh Shrestha

15:00