

Session Program

10-14 Nov 2025

Axions in Japan

Parallel session - Cosmology III

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

Friday 14 November

13:40

Parallel session - Cosmology III

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

Convener: Chair: Anamaria Hell

13:40–14:00

SPINN: Advancing Cosmological Simulations of Fuzzy Dark Matter with Physics Informed Neural Networks

Speaker

Ashutosh Kumar Mishra

14:00–14:20

Cosmological Zoom-in simulations of Fuzzy Dark Matter dwarf halos in the field

Speaker

Victor H. Robles

14:20–14:40

Cosmology-informed constraints on the fuzzy dark matter mass from dwarf-spheroidal stellar kinematics

Speaker

Shunichi Horigome

14:40