

Session Program

5-14 Nov 2024

Dark World to Swampland 2024: the 9th IBS-IFT Workshop

Afternoon session

Institute for Basic Science, Daejeon
CTPU Seminar Room (Theory Building, 4th Floor) Institute for Basic Science Daejeon, Korea

Tuesday 5 November

14:00

Afternoon session

Session |

Location: Institute for Basic Science, Daejeon, CTPU Seminar Room (Theory Building, 4th Floor) Institute for Basic Science Daejeon, Korea |

Convener: Mario Reig

14:00-14:45

Experimental Searches for Axions and Axion-like Particles

Speaker

Sung Woo Youn

14:45-15:30

Looking for electron coupled axions with magnetic haloscopes

Speaker

Alexander Millar

15:30-16:00

Coffee break

16:00-16:45

Axion Dark Matter Detection with Superconducting Qubits

Speaker

Takeo Moroi

16:45

Wednesday 6 November

14:00

Afternoon session

Session |**Location:** Institute for Basic Science, Daejeon, CTPU Seminar Room (Theory Building, 4th Floor) Institute for Basic Science Daejeon, Korea |**Convener:** Diego Blas

14:00-14:45

Direct detection probes of invisible sectors**Speaker**

David Cerdeno

14:45-15:30

Studying neutrino properties with dark matter direct detection detectors**Speaker**

Christoph Ternes

15:30-16:00

Coffee break

16:00-16:45

Non-Invertible Peccei-Quinn Symmetry and the Massless Quark Solution to the Strong CP Problem**Speaker**

SungWoo Hong

16:45

Friday 8 November

14:00

Afternoon session

Session |

Location: Institute for Basic Science, Daejeon, CTPU Seminar Room (Theory Building, 4th Floor) Institute for Basic Science Daejeon, Korea |

Convener: Tae Hyun Jung

14:00-14:45

Dark matter as the source of neutrino mass: the case for WIMPs

Speaker

Jose W. F. Valle

14:45-15:30

Cogenesis by pNGB

Speaker

Suruj Jyoti Das

15:30