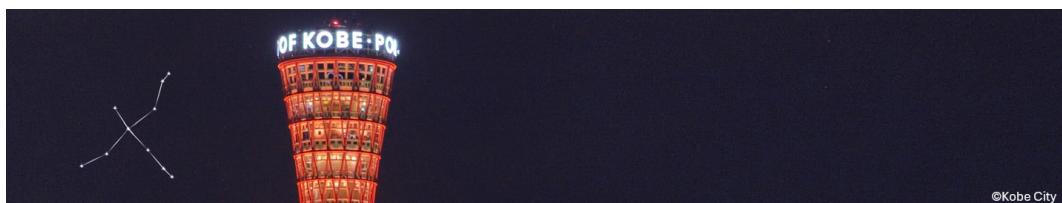


Session Program

23-25 Feb 2026



9th edition of the international CYGNUS Workshop on Directional Recoil Detection

Poster session

Kobe University, Integrated Research Center
7 Chome-1-48 Minatojima Minamimachi, Chuo Ward, Kobe, Hyogo 650-0047

Tuesday 24 February

16:20

Poster session

Session |

Location: Kobe University, Integrated Research Center, 7 Chome-1-48 Minatojima Minamimachi, Chuo Ward, Kobe, Hyogo 650-0047

16:20-16:21

Directional Search for Light Dark Matter Using Quantum Sensor Technologies

Speaker

Gurjeet Singh

16:21-16:22

Ionization yield measurement using gaseous detector for dark matter searches

Speaker

Wakako Toyama

16:22-16:23

Development of an Optical TPC with GEM and CMOS Sensors for Surface Alpha Measurements

Speaker

Shinya Aoyama

16:23-16:24

Event Selection of Neutron Elastic Scattering for Background Reduction in Migdal Effect Searches Using a Xenon Gas TPC

Speaker

AYUMI NAKANO

16:24-16:25

Diffusion deconvolution method and fiducialization for the CYGNO experiment

Speaker

Giorgio Dho

16:25-16:26

Wide-Field Hard X-ray Polarimetry with a Large-Volume TPC

Speaker

Davide Fiorina

16:26-16:27

Dark Matter Sensitivity of the CYGNO Detector with eco-friendly Gas Mixtures

Speaker

Melba D'Astolfo

16:27-16:28

Local Dark Matter Evaluated with Cosmological Simulation Data

Speaker

Hatsume Chujo

16:28-16:29

Development of an Integrated DAQ System for the MIRACLUE Experiment

18:00

Speaker

Shiori Nishida

16:29-16:30

The KERNEL facility

Speaker

Dr Keishi Hosokawa