

# CYGNUS 2026

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



Kobe University (Japan)

2026 Feb. 23-25

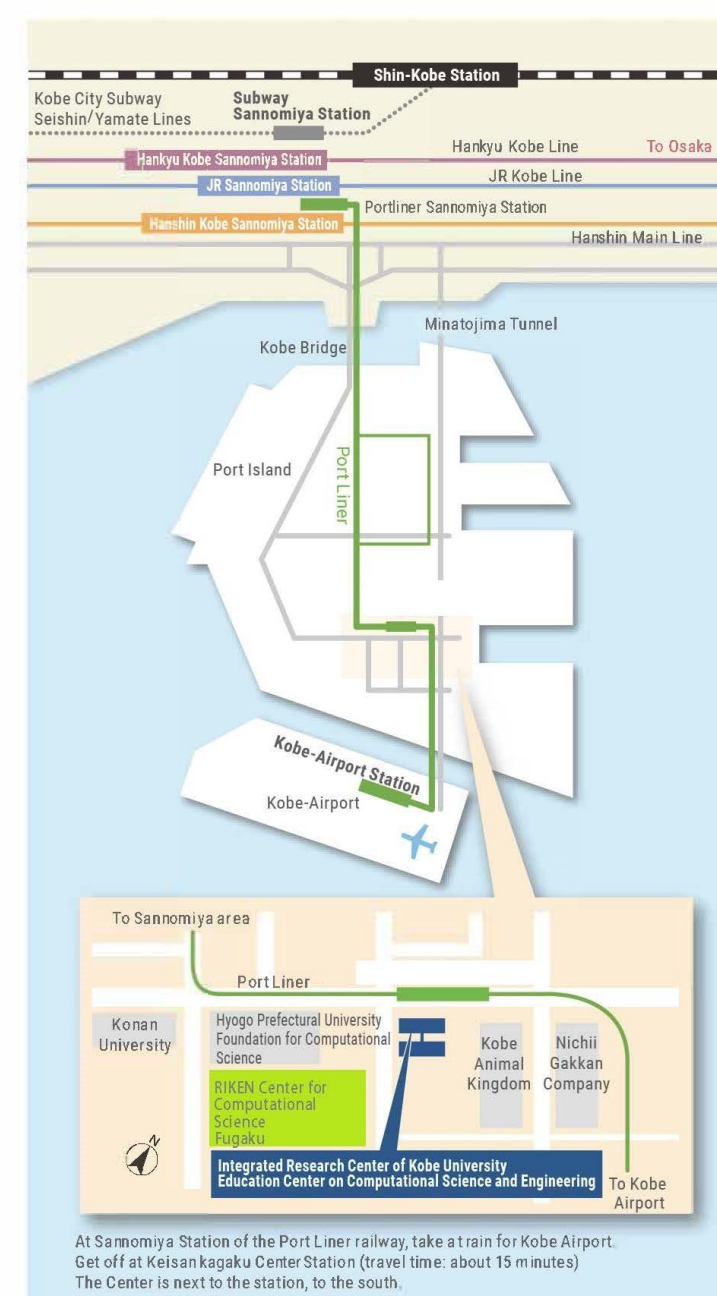
<https://indico.global/event/15704/overview>

©Kobe City

## TOPICS

- Directional detection of dark matter
- Directional neutrino detection
- Directional neutron detection
- R&Ds and applications of Gas TPCs, MPGDs, and their readout electronics
- Novel directional detection technologies
- Recoil simulation tools
- Detection of rare nuclear decays

## ACCESS MAP



## Local organising committee

- Satoshi Higashino (Kobe University) chair
- Kentaro Miuchi (Kobe University) co-chair
- Junpei Maeda (Kobe University)
- Hiroshi Itoh (Kobe University)
- Tatsuhiro Naka (Toho University)
- Hiroyuki Sekiya (University of Tokyo)
- Masashi Yoshida (University of Tokyo)
- Kiseki Nakamura (Tohoku University)
- Keishi Hosokawa (Tohoku University)
- Masatoshi Kobayashi (Nagoya University)
- Takuya Shiraiishi (Kanagawa University)
- Keiko Nagao (Okayama University of Science)

## International advisory committee

- James Battat (Wellesley College)
- Elisabetta Baracchini (GSSI)
- Phillip Barbeau (Duke University)
- David Caratelli (UCSB)
- Paolo Gondolo (University Utah)
- Elena Gramellini (Manchester University)
- Greg Lane (The Australian National University)
- Dinesh Loomba (University of New Mexico)
- Katie Mack (Perimeter Institute)
- Kentaro Miuchi (Kobe University)
- Ciaran O'Hare (University of Sydney)
- Daniel Santos (LPSC (Grenoble-Alpes University/ CNRS-IN2P3))
- Kate Scholberg (Duke University)
- Neil Spooner (Sheffield University)
- Louis Strigari (Texas A&M University)
- Tom Thorpe (LANL)
- Sven Vahsen (University of Hawaii)