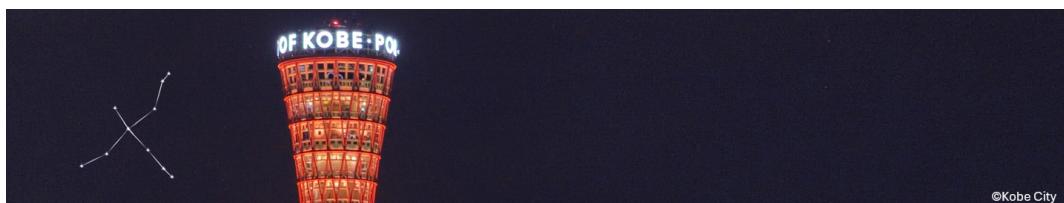


## **Session Program**

**23-25 Feb 2026**



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

## ***Background studies***

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

## Monday 23 February

17:10

### Background studies

Session |

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

17:10-17:35

### **Environmental neutron measurement and development of analysis techniques using nuclear emulsion detector**

**Speaker**

Takuya Shiraishi

17:35-18:00

### **Underground environmental neutron flux measurement with the CYGNO project**

**Speaker**

Melba D'Astolfo

18:00

## Tuesday 24 February

09:00

### Background studies

Session |

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

09:00-09:30 **Radon removal using silver-ion exchanged zeolite in gas**

**Speaker**

Yasuo Takeuchi

09:30-09:55

### Direct in-chamber radon-220 (thoron) emanation measurements for directional dark matter experiments

**Speaker**

Dr Robert Renz Marcelo Gregorio

09:55-10:20

### Alpha particle imaging detectors to measure sample surface radioactive impurities

**Speaker**

hiroshi ito

10:20