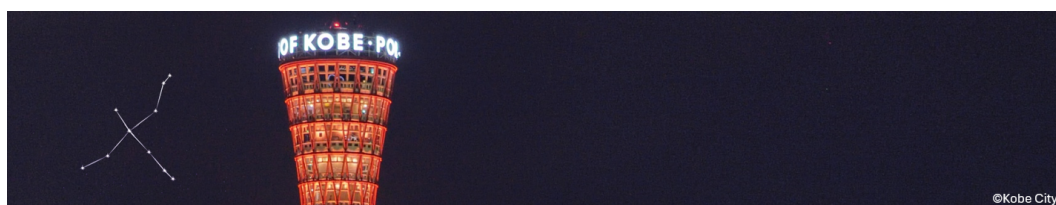


Session Program

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