

# 8th CYGNUS Workshop on Directional Recoil Detection



**Monday 11 December 2023 - Friday 15 December 2023**

**School of Physics**

## Scientific Programme

Directional detection of dark matter (WIMPs, novel DM models)  
Directional neutrino detection (ERs, CEvNS, reactors, solar, stopped pions)  
Gas TPCs and MPGDs  
Directional neutron detection (Migdal effect etc.)  
Rare nuclear decays  
Recoil simulation tools  
Rare nuclear decays