

Nagoya Workshop on Technology and Instrumentation in Future Liquid Noble Gas Detectors

Tuesday, 13 February 2024 - Friday, 16 February 2024

KMI Science Symposia

Scientific Programme

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Physics program of future direct dark matter searches

New detector design and novel TPCs: single-phase TPC, solid-Xe TPC, hermetic TPC, electrodes, and etc

New photosensors and charge readout: PMT, SiPM and etc

Novel purification for radioactive and non-radioactive impurities

Accidental coincidence and single-electron backgrounds