

Event Mode Neutron Imaging Detectors

Wednesday, 21 June 2023 09:45 (15 minutes)

Event mode neutron imaging detectors generate information for every neutron hitting the detector individually. This allows the usage of algorithms to analyze the individual events and improve noise suppression as well as temporal and spatial resolution. The detector have already been tested successfully for fast, thermal and cold (ToF) imaging, and neutron diffraction.

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Session Classification: Parallel 4