

# Simulation of Photon-Counting X-ray Detectors

*mercredi 9 octobre 2024 14:35 (20 minutes)*

This CIFRE thesis, conducted in partnership with Detection Technology (DT) and the Centre de Physique des Particules de Marseille (CPPM), focuses on developing an advanced simulation of the radiographic chain for photon-counting hybrid pixel detectors, used in medical, security, and non-destructive testing applications.

**Orateur:** LEROY, Mélissa (Centre de Physique des Particules de Marseille)

**Classification de Session:** Pôle Imagerie