

# IEEE NPSS School of Application of Radiation Instrumentation Dakar -Senegal



Contribution ID: 6

Type: **not specified**

## Radiation Detectors: Imaging What You Cannot See

*Monday 14 November 2022 14:45 (45 minutes)*

Radiation instrumentation has played a fundamental role in nuclear and particle physics discoveries as well as in life saving medical and biological imaging and other fields since more than a century. The presentation will review the historic progression of radiation detectors and imaging technologies in correlation with key physics discoveries. Special emphasis will be given on more recent silicon detectors and their application in the large experiments at the CERN Large Hadron Collider and in other fields like Space, Environment, Biology and Medicine. Finally, a review on future detector developments will be explored.

**Author:** DA VIA, Cinzia (University of Manchester (GB))

**Presenter:** DA VIA, Cinzia (University of Manchester (GB))