

Session Program

Mar 15 - 21, 2024



2024 INTERNATIONAL TOPICAL MEETING ON NUCLEAR APPLICATIONS OF ACCELERATORS

Accelerators for Security and Forensics

Sheraton Waterside Hotel, Ballroom
777 Waterside Dr. Norfolk, VA 23510

Wed, March 20

3:20 PM

Accelerators for Security and Forensics

Session | **Location:** Sheraton Waterside Hotel, 4th Floor - Claremont | **Convener:** Kevin Jordan

15:20 - 15:40

Radioisotope replacement with compact electron linear accelerators

Speaker

Sergey Kutsaev

15:40 - 16:00

Demands of Accelerator Performance to Support Industrial X-Ray Imaging

Speaker

Mr Robert Maziuk

16:00 - 16:20

First experimental demonstration of Gamma-ray LiDAR with a quasi-monoenergetic photon source

Speaker

Ryan Heller

16:20 - 16:40

Elemental characterisation of bulk materials using fast neutron beams at the n-lab, University of Cape Town

Speaker

Sizwe Mhlongo

16:40 - 17:00

Unravelling hair forensics: Multidimensional profiling by marrying accelerator-based and benchtop techniques for molecular and ionome imaging

Speaker

Karen Cloete

5:00 PM