

## Session Program

7-10 Jul 2014



# International Conference on Advances in Nuclear Forensics - IAEA CN-218

## *Technical Session 3A*

IAEA HQ  
Vienna International Centre, 1400 Vienna, Austria

## Wednesday 9 July

09:00

### Technical Session 3A: Nuclear Forensic Science: Signatures of Nuclear Material II

Session | Location: IAEA HQ, Vienna International Centre, 1400 Vienna, Austria | Conveners: Mr T. Fanghaenel, Mr S. B. Butt

09:00–09:20 **Nuclear Forensic Science: An Emerging Discipline**

Speaker

S. LaMont

09:20–09:40

**Identification of High Confidence Nuclear Forensic Signatures by Analysis of Spent Fuel Samples and Other Nuclear Materials**

Speaker

Dr É. Kovács-Széles

09:40–10:00

**Detection and Distinguishing of Uranium Particles and Plutonium Particles by Using Alpha Autoradiography**

Speaker

Dr V. Stebelkov

10:00–10:20

**Development of a SIMS Method for Measurement of Oxygen Isotope in Nuclear Forensic Applications**

Speaker

Dr T. Wang

10:20–10:40

**Probing Forensic Signatures of Nuclear Materials**

Speaker

Dr M. Wilkerson

10:40