

Session Program

7-10 Jul 2014



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

Technical Session 2B

IAEA HQ
Vienna International Centre, 1400 Vienna, Austria

Tuesday 8 July

09:00

Technical Session 2B: Nuclear Forensic Science: Signatures of Nuclear Material I

Session | Location: IAEA HQ, Vienna International Centre, 1400 Vienna, Austria | Conveners: T. Hinton, Mr J. De Souza Sarkis

09:00-09:20

Investigating Macro- and Micro-scale Material Provenancing Signatures in Uranium Ore Concentrates/ Yellowcake

Speaker

Dr A. Wotherspoon

09:20-09:40

Exploring Spectroscopic and Morphological Data as New Signatures for Uranium Ore Concentrates

Speaker

Ms D. Ho

09:40-10:00

Attribution of Uranium Ore Concentrates by Rare-Earth Element Signature

Speaker

Prof. Y-G. Zhao

10:00-10:20

 $^{143}\text{Nd}/^{144}\text{Nd}$ Ratio - a Powerful Signature for Origin Assessment of Natural Uranium Products

Speaker

J. Krajko

10:20-10:40

Measurement of Sulphur Isotopic Ratio for the Nuclear Forensic Investigation of Uranium Ore Concentrates (Yellow cakes)

Speaker

Dr Z. Varga

10:40