

Session Program

7-10 Jul 2014



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

Poster Session II

IAEA HQ
Vienna International Centre, 1400 Vienna, Austria

Wednesday 9 July

13:00

Poster Session II

Poster Session | Location: IAEA HQ, Vienna International Centre, 1400 Vienna, Austria

In-field Detection and Analysis of α Radiation

Speaker

Dr K. Peräjärvi

The US Nuclear Material Characteristics Data Dictionary – History and Development

Speaker

J. Wacker

REIMEP-22: Interlaboratory Comparison on U Age Dating

Speaker

Mrs C. VENCHIARUTTI

Neutron-Dose Control of First Responders Under Sampling and Categorization

Speaker

Dr K. TSUCHIYA

230Th - 234U Thorium Radiochronometry Method Comparison: A Tri-Lateral Round-Robin Exercise

Speaker

Dr R. Steiner

A Technical Nuclear Forensics Capability to Support the Analyses of Illicit Nuclear and Radioactive Materials

Speaker

Dr C. Watt

Characterization of Strong 241Am Sources

Speaker

Ms A. Vesterlund

Nuclear Material Families – An Extension to is it DU, NU, LEU or HEU?

Speaker

Mr P. Thompson

Determination of the Uranium Containing Particles from Swipe Samples by a Fission Track Method

Speaker

X. Liu

Novel Method for Rapid Extract of Radionuclides Using Polymer Ligand Film for Nuclear Forensics Applications

Speaker

Prof. K. Unlu

Potential and Limitations of ICP-QMS Technique for the Measurement of 230Th

Speaker

Dr A. Álvarez García

Measurement of Organic Residues of Uranium Ore Concentrates (Yellow cakes) for Nuclear Forensic Investigations

Speaker
Dr Z. Varga

Nuclear Forensics via Machine Learning Laser Based Spectral Analysis and Imaging

Speaker
Dr H.A. Kalambuka

Gadolinium Isotopic Signatures in Nuclear Material

Speaker
Dr G. Brennecka

The Feasibility Analysis of the Materials of the Nuclear Explosion with the Fission Product Xenon

Speaker
Mr J. Su

Mass Spectrometry in Nuclear Forensics

Speaker
Prof. S.K. Aggarwal

Origins of ^{137}Cs and ^{133}Xe in Soils from two Campuses in University of Douala-Cameroon

Speaker
Mr M. NDONTCHUENG MOYO

Contaminants of the Bismuth Phosphate Process as Signifiers of Nuclear Reprocessing History

Speaker
Mr L.E. Sweet

14:00