



National Physical Laboratory

# Welcome to the 31<sup>st</sup> Meeting of the Ionising Radiations Metrology Forum

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# Housekeeping issues

- The Fire Alarm is a voice alarm system
- In the event of a fire, follow NPL staff and assemble at the front of the building
- Lunch will be at 12:30 today, short coffee break mid-morning
- Expect to close the meeting around 15:00
- There is a small informal poster session
- Please state your name / affiliation when asking questions (to help us write the minutes)

# Outline agenda

Session 1: Keynote presentation

10:50 Coffee

Session 2: Dosimetry, modelling and dual phosphor probes

12:30 Lunch

Session 3: Decommissioning, neutron metrology, regulatory issues

## Previous minutes and matters arising

- Minutes of 30<sup>th</sup> IRMF meeting are on the website
- Any corrections or comments?

## **30.1 Corrections to GPG14 and GPG30**

Pete Burgess will lead the work to update these publications, supported by Clare Lee.

## **30.9 Testing of instruments issued to A&E departments**

Duncan McClure has written to the DoH concerning these tests.

## **30.9 Concerns over EPB LTC batteries (Thermo)**

‘Research and Development in the Nuclear  
Decommissioning Authority’

Dr Neil Smart

- [EPD Working Party – An Update \(Jan McClure, HPA\)](#)
- Dual Phosphor Probes (Pete Burgess, NPL)
- [NPL Programme Formulation \(Dave Rayner, NPL\)](#)
- [Serco Assurance Modelling Capability \(Ludovic Chevallereau, Seco Assurance\)](#)
- [Calibration of extremity dosimeters for  \$^{99m}\text{Tc}\$ ,  \$^{137}\text{Cs}\$  and X-rays \(Dave Rawlings, Newcastle General Hospital\)](#)

- [Measurement infrastructure for nuclear decommissioning – an update \(Julian Dean, NPL\)](#)
- Neutron Intercomparison (Graeme Taylor, NPL)
- [The RPII Calibration Service \(Máirín O'Colmáin, Radiological Protection Institute of Ireland\)](#)

- Re-instatement of Instrumentation Specialist certificates by RPA 2000 (Duncan McClure)
- Medical X-ray comparison (Tony Richards)
- AD or not AD? That is the question. (Duncan McClure)
- Any other business

- **Nuclear Spectrometry Users Forum - 23<sup>rd</sup> May 2006**  
**Contact Arzu Arinc – [arzu.arinc@npl.co.uk](mailto:arzu.arinc@npl.co.uk)**  
**<http://www.npl.co.uk/nsuf>**

*Gamma assay measurement techniques for nuclear decommissioning*  
*Mass spectrometry and its role at the Sellafield*  
*Determination of Pu isotopic ratios in low activity samples*  
*Gamma-ray spectrometry of radionuclides with cascading gamma-rays*  
*Accreditation standards update*  
*Remote gamma imaging of high dose environments*

## Date of next meeting

- November 8<sup>th</sup>, 15<sup>th</sup> or 29<sup>th</sup>?

Thank you for coming