

Royal Society of Chemistry / Tritium Users Group

## Tritium – Handling, measurement and disposal

23<sup>rd</sup> October 2008

National Oceanography Centre, Southampton

### Programme

09:30 – 10:00	<b>Registration &amp; coffee</b>
10:00 – 10:05	<b>Welcome</b>
10:05 – 10:15	<b>A brief history of the TUG</b> Bryan Garney, Tritium Technology Group, AWE
10:15 – 10:25	<b>A brief history of the Radiochemistry Group, RSC</b> David Wilkinson, Chairman, RCG
10:25 – 10:55	<b>Decommissioning strategy and associated perceived issues relating to the removal, storage and disposal of tritium containing AM cartridges from the British Production Piles 1 and 2</b> Kris Derewnicki (Lead Safety Case Author, Scott Wilson Group), Sellafield Ltd
10:55 – 11:20	<b>Coffee</b>
11:20 – 11:50	<b>Problems with in situ measurement of tritium</b> P Burgess (Nuvia Ltd)
11:50 – 12:20	<b>Assaying &amp; storage of tritiated components</b> C Gibbons (ESR Technology)
12:20 – 12:50	<b>Characterisation of tritium in decommissioning wastes</b> I Croudace & D Kim (GAU-Radioanalytical)
12:50 – 13:30	<b>Lunch</b>
13:30 – 14:00	<b>Oxidation of Depleted Uranium Storage Beds</b> Michael Mills, Tritium Technology Group, AWE
14:00 – 14:30	<b>Tritium Production at Chapelcross (1979-2005) and the Waste Legacy</b> A Stewart and G Wotherspoon, Magnox North
14:30 – 15:00	<b>Designer labels. Tritium as a tool for drugs discovery</b> Mike Hickey, AstraZeneca
15:00 – 15:20	<b>Coffee / tea</b>
15:20 – 15:50	<b>Analysis of tritium in urine.</b> Jenny Morris and Caroline Balem Analytical Sciences, AWE
15:50	<b>Close</b>