

RSC Meeting 26th September 2012
Radiochemistry: For a Safe and Secure World
William Penney Theatre, Aldermaston Recreational Society, Tadley

09:30	Registration and coffee	
10:00	Welcoming speech	TBC
10.15	Becquerel medal presentation	
10:20	Becquerel medal invited talk: From Lucas Cells to AMS: 40 years of environmental radioactivity research	Angus MacKenzie SUERC
11:05	Nuclear Forensics	Maria Wallenius ITU, Karlsruhe
11:50	Further investigation of the production and isotope ratios of ²³⁶ Np	EMpower Presentation 1
12:05	Monitoring unusual pathways for the transfer of radioactivity from the Sellafield site into the environment	EMpower Presentation 2
12:20	Lunch	
13:20	Performance of concrete structures in containing liquid and solid radioactive wastes at England and Welsh disposal facilities	EMpower Presentation 3
13:35	Options for Leak Prevention/Mitigation from nuclear legacy facilities during decommissioning	EMpower Presentation 4
13:50	Sensitivity of Discharge Monitoring Programmes from Nuclear Power Plants with respect to climate change	EMpower Presentation 5
14:05	Atomic Detectives: Detecting Undeclared Nuclear Activities through Safeguards Environmental Sampling	Diane Fischer IAEA
15:00	Coffee	
15:15	CTBTO's Verification Regime and its Role in Ensuring a Safer World	Emerenciana Duran CTBTO
16:00	Closing speech	Paul Thompson, AWE
Evening	Conference Meal	Hosts & speakers

Glossary

CTBTO Comprehensive Test Ban Treaty Organisation
EMpower Programme Of Work Experience through Research
IAEA International Atomic Energy Agency
ITU Institute for TransUranium elements
SUERC Scottish Universities Environmental Research Centre

Please visit the RSC website:

<http://www.rsc.org/Membership/Networking/InterestGroups/Radiochemistry/ForthcomingEvents.asp>

or contact Olivia Marsden or Lauren Planterose for further details

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Cost: £40 RSC Members, £50 Non-members, £10 students