



THE SOCIETY FOR RADIOLOGICAL PROTECTION



50th Annual Conference

Radiation Protection - Spectres from
the Past, Visions of the Future

Harrogate International Centre
21 - 23 May 2013

'In retrospect what challenges and solutions have the RP
community faced in the last 50 years?'

'How do we build on best practice in the future?'

The Society for Radiological Protection was founded in 1963 and turns 50 in May 2013. To mark this very special occasion **SRP's annual conference will be bigger and better than ever before** – with a programme designed to be of interest to

- all sectors of the RP Community
- those at all stages of their RP careers

It will also be

- an opportunity for members to celebrate SRP's 50 years as a Professional Learned Society - and one that now has a Royal Charter
- a unique networking event for the full RP community.

Scope

The programme will focus on how lessons learnt from the past have shaped the present approach to radiological protection and how it will influence changes we anticipate going forward. It will provide a useful perspective to those that have joined the profession in the intervening years whilst updating them on the very latest requirements.



With speakers and delegates from all areas of the RP community and a programme to include: an update on new IAEA safety standards, the management of NORM in industry, revision of BSS directive, emergency response, decommissioning and ionising and non-ionising radiation in the medical sector - we believe this event offers something for everyone.

Competitions

Two competitions will take place at the Annual Conference at Harrogate -

Rising Radiation Protection Professional Award

RGG Best Presentation Award

Both competitions have prizes of **£500** and the **RRPP winner will also win a trip to the IRPA Congress in Geneva in 2014**. Full details at www.srp-uk.org

Programme Overview

	Tues 21 st May	Wed 22 nd May	Thurs 23 rd May
AM	Optional Sessions Refresher Courses SRP Schools Lecture Speaker: Professor David Spiegelhalter OBE	Parallel sessions with a focus on different aspects of RP	Plenary Session
PM	Opening Plenary Session The John Dunster Lecture Speaker: Professor Roger Cox	Parallel sessions continued including RGG Presentation Competition session AGM	Closing Plenary Session
Evening	Welcome Reception & Optional Dinner	50 th Annual Dinner (The Royal Hall, Harrogate)	

**CPD
points : Max 15**

President's Welcome & Introduction

*John Broughton, SRP President,
retired from Scottish Nuclear/British Energy at Torness*



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The John Dunster Lecture

Scientific Support to the Central Estimates of Low Dose Radiation Risk:
Notable Developments 1990 – 2010
*Roger Cox, former Director HPA Centre for Radiation, Chemical &
Environmental Hazards*



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The Society - 1963 to 2013

*Geoff Webb, Past President & Honorary fellow of SRP,
Past President of IRPA*



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100 Years of Isotopes: Frederick Soddy's Experimental Materials at Glasgow

*Alex Elliott, College of Medical, Veterinary and Life Sciences,
Jim Gray Radiation Protection Service, John Faithfull, Hunterian Museum,
and David Sanderson, SUERC, University of Glasgow*



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Accidents I Have Known and "Loved"

*John Croft, Past President of SRP, former Head of Emergency Response
NRPB (HPA)*



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The 2013 John Dunster Lecture

Roger Cox

Roger is a former Director of the HPA's Centre for Radiation, Chemical and Environmental Hazards and a member of the HPA Board where his responsibilities included dealing with emergencies such as the fire at the Buncefield Oil Refinery and the aftermath of the death of Alexander Litvinenko in London from Polonium-210 poisoning. He has also been Vice Chair of the ICRP Main Commission (2005-2009) and Chairman of ICRP Committee 1 on Radiation Effects. He is a former Head of the UK Delegation to the United Nations Scientific Committee on the Effects of Atomic Radiation (UNSCEAR).

Morning

Parallel Session 2.1

RRPP Competition Presentation 1[#]

Passive Dosimetry

Colyn Nichols, Panasonic

Dose, Risk and Alpha Irradiation

David Kirkland

Assessment of Plutonium Exposure Risks

Tony Riddell, HPA

Radiation Detection and Monitoring

Equipment

Colette Jeffery, Dstl

Parallel Session 2.2

Computing patient specific radiation risks in CT

Walter Huda, Medical University of South Carolina, USA

Dose limit for the lens of the eye

Hani El-Sabbahy, HSE

Ionising and Non-Ionising Protection in the Medical Sector

Elizabeth Chaloner, Kings College Hosp

RP in Veterinary Practice

Pete Cole, University of Liverpool

RRPP Competition Presentation 2[#]

Afternoon

Parallel Session 3.1

Clearance & Radiological Sentencing

Duncan Jackson, Eden Group

How clean is clean: dismantling the past and visions of the future

Shelly Mobbs, Eden Nuclear & Environment

Risk Management of Contamination & Cross-Contamination in a Nuclear Facility

Alan Fisher, Dycem and Nigel Dodd, Magnox

Decommissioning in the non-nuclear sector

Phil Fahey, EA

Parallel Session 3.2

Dalgety Bay – the last 50 years

Paul Dale, SEPA

Environmental RP

Mike Wood, University of Salford

Environmental gamma dose rate (miss?)

measurement
John Titley, EA

The spectre of radionuclides in the Irish Sea discharged from

Sellafield over 50+ years
John Hunt, CEFAS

Parallel Session 3.3*

Contamination & Instrumentation

Dan Clifton-Climas, Nuvia

First Source Loading of a New Irradiator Facility
Sarah Clifton-Climas, HPA

HP Support in Emergency Response Exercises

Nicky Kay, AWE

Decommissioning of Magnox Fuel Cooling

Ponds – An RP Perspective
Tom Clarke, Magnox

Parallel Session 3.1

Removal of the Dragon
Primary Heat Exchangers

Mike Jones, RSRL

Planning the
Decommissioning of
Ductwork in a
Radiochemistry Facility
Pete Burgess, Nuvia

Parallel Session 3.2

Environmental / NORM
Paper

Speaker Tbc

Ongoing Management of
NORM in the oil and gas
industries

John Lambley, Tracerco

Parallel Session 3.3*

**The influence of RP on
Good Design**

Emma Chapman, Babcock

“A little of what you fancy
does you good”

-Radioadaptive Response
Sarah Hunak, AMEC

Thursday 23rd May 2013



Incoming President's Address

Peter Marsden, UCL Hospitals NHS Foundation Trust



ICRP and the two sets of Basic Safety Standards - incoherence or co-evolution?

Jack Valentin, Former ICRP Scientific Secretary

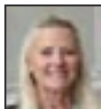
Revision of the European BSS and other Radiation Directives

Gareth Thomas, HSE



Fukushima - Lessons Learnt in the UK - Radiological Protection and Emergency Preparedness

Charles Temple, ONR



Radioactive Waste & Decommissioning – Practice makes Perfect?

Cathy Griffiths OBE, Past President & Honorary Fellow of SRP



IRPA - The International Voice of the RP Profession

Roger Coates, Vice-President, IRPA

Nuclear New Build – Radiation Protection Challenges

Heather Hale, EDF Energy

RPA support to radiation screening at the London Olympics – Lessons for Rio

Dan-Clifton Climas, Nuvia

Radiation detection – what are we doing wrong and where must future equipment improve?

Ian Napier, Dstl



The Large Hadron Collider and why it is important to Radiological Protection

John Bradshaw, AWE

*Please note the programme is still liable to change *

The Venue

SRP's 50th Annual Conference will be held at Harrogate International Centre in the heart of Yorkshire. Acknowledged as one of the top conference venues in the UK, the Centre regularly attracts over 250,000 visitors each year. Harrogate is a beautiful spa town and has many attractions including the famous Betty's Tea Room and the nearby Yorkshire Dales.

Easy to Get To

Harrogate is in the centre of the country and easy to get to from all directions:

- By air: 12 miles from Leeds Bradford International Airport – with regular flights from Aberdeen, Belfast, Bristol, Glasgow, Isle of Man, Heathrow, Southampton.
- By train: It's linked to all major UK cities via Leeds or York including a direct connection to London Kings Cross daily (2hr 40mins)
- By car: Easy to reach via the motorway network and just off the A1(M)

Accommodation

- The SRP's main conference hotel will be The Holiday Inn, Kings Road, Harrogate - only a 2 minute walk from the Conference Centre (Tel 01423 849 900 Email: hiharrogate@gmh-hotels.com) Guests are able to use the facilities at the nearby Harrogate Academy & Spa including a pool and tennis courts.
- Rates: £99 single / £119 double occupancy (inc full English breakfast and VAT)
- Please quote the reference TSRP200513 and provide card details to secure your reservation. Room charges should be settled directly with the hotel by delegates. Any unsold rooms will be released back for general sale on 22nd April.
- Harrogate has 1600 bedrooms within walking distance of the conference venue – giving options in all price brackets. For further details please see www.accommodationharrogate.co.uk/index.html

Social Programme (included in the registration fee)



Tues 21 May - Welcome Reception in the Exhibition Hall

Wed 22 May - The 50th Annual Dinner, The Royal Hall, Harrogate
(Dress code: Black tie preferred)

Optional Extras

Tues 21 May - Dinner in a local restaurant

Exhibition

A major commercial exhibition will be held alongside the Annual Conference and many sponsorship opportunities are also available. **Please contact unity.stuart@srp-uk.org for further details.**

Already registered to exhibit: Active Collection Bureau , Aurora Health Physics Services, Berthold Technologies, BIC Tech, Canberra UK, Dstl, GammaService, High Technology Sources, HPA, James Fisher Nuclear, John Caunt Scientific, LabImpex, LabLogic, Landauer Europe, Mirion, Nuvia, Ortec (Advanced Measurement Technology), Panasonic, Pycko, Qados, Southern Scientific, Tracerco, Unitech Services Group

The 2013 SRP Schools Lecture

Following on from the success of the SRP Schools Event in Glasgow in May 2012, a second event will be held in Harrogate on 21st May 2013 for 14/15 year olds in the Yorkshire area. The teenagers and their teachers will have the opportunity to view an exhibition and hands on display area and also to listen to a special lecture. This year the speaker will be Professor David Spiegelhalter OBE and **all delegates to the Annual Conference are also invited to attend his Lecture.**

David Spiegelhalter OBE

David is Winton Professor of the Public Understanding of Risk in the Statistical Laboratory, University of Cambridge. He is a widely respected researcher, Fellow of the Royal Society and the 2009 recipient of the Weldon Memorial Prize and Medal – awarded by the University of Oxford for publication of the most noteworthy contribution to the development of mathematical or statistical methods applied to problems in Biology. He presented the BBC Programme 'Tails You Win: The Science of Chance' (Oct 12).



Booking Form

Name:
Job title: Organisation:
Telephone: Email:
Will this be a Company Ticket (see below)? Yes/No

Fees

Full Registration fee:

Members (including International)	£350+VAT = £420	<input type="checkbox"/>
Non-members*	£485+VAT = £582	<input type="checkbox"/>
Members who are retired/unemployed/full time students	£125+VAT = £150	<input type="checkbox"/>

Day rate: Tuesday Wednesday Thursday

Members (including International)	£145+VAT = £174	<input type="checkbox"/>
Non-members*	£195+VAT = £234	<input type="checkbox"/>
Members who are retired/unemployed/full time students	£ 30+VAT = £ 36	<input type="checkbox"/>

Tues 21stMay Evening Dinner	£ 25+VAT = £ 30	<input type="checkbox"/>
Additional Annual Dinner ticket (Wed 22ndMay)	£ 50+VAT = £ 60	<input type="checkbox"/>

*Non Members who are in the process of applying for membership are eligible for member rate. Full registration fee includes: All conference material, Welcome Reception (Tues 21stMay), lunches, coffee/tea breaks and one ticket for the Annual Dinner (Wed 22ndMay). Day rate includes all conference papers, lunch and tea/coffee breaks on that day.

Dietary Requirements:

Accompanying Persons:

We welcome additional guests who wish to join the social activities. Please tick the boxes above and pay the appropriate amount if you will be bringing a guest.

Please write their name here:

Would your guest be interested in an arranged activity during the day such as a tour of Harrogate on Wednesday 22nd? (Subject to demand we will advise further details/cost). Yes/No

Company Tickets

Conference tickets may be shared between different people from the same organisation i.e. if one ticket is purchased for the three days a different person may attend on each day. Please provide the names of those attending and on which days prior to the conference.

Payment

Please invoice: Yes/No Purchase Order Number (if needed for invoice):

Invoice Address:

Cheque / Credit / Debit Card Receipt: Yes/No
Card number: Expiry date: Security code:

Please return to: The Society for Radiological Protection DS009, Dartington Hall,
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