

## Radiation Protection Training Course 2017 Registration Form

Please complete all the boxes on the form in capitals. **The details you provide on this form will be used for all correspondence and will be used on your certificate**

Send this form to: **RPTC Secretariat, Physics Department, The Institute of Cancer Research/ RMH NHS Foundation Trust, Downs Road, Sutton, Surrey, SM2 5PT**

If you are applying after 24<sup>th</sup> March 2017, please check availability of places before sending this form and payment.

Surname
Forename(s)
Job Title
Department
Organisation
Address
Postcode
Email Address
Telephone No.
<input type="checkbox"/> 4-day Module <input type="checkbox"/> 5-day Module
I will be paying the £_____ fee by Cheque / Invoice / Credit Card / BACS* (delete as applicable)
Please make cheques payable to: <b>Institute of Cancer Research-PHRJOL</b>
<b>Invoice details – Please raise Purchase Order to the Institute of Cancer Research</b>
<b>123, Old Brompton Road, London, SW7 3RP</b>
<b>Credit Card Details</b>
<input type="checkbox"/> MasterCard <input type="checkbox"/> Visa    Card Holders Name
Card Number
Expiry Date
Card Holders Signature
Cardholders Address
Please send me accommodation details
Do you have any dietary requirements?
If 'Yes' please specify.
Y    N
Y    N

**Spaces are allocated on a first come basis and are limited to ensure a friendly open forum for debate and to allow the workshops to run smoothly.**

The ROYAL MARSDEN  
NHS Foundation Trust

ICR The Institute of  
Cancer Research

# 24th Annual

## Radiation Protection Training Course


Providing a basic  
underpinning knowledge for  
Radiation Protection Advisers  
IPEM CPD Accredited

**Monday 8th – Friday 12th May 2017**

For information on registration please contact  
the RPTC Secretariat  
physicscourseadmin@ICR.ac.uk  
or call 020 8661 3700

For further information on course content email  
the Course Organisers:  
Jim Thurston:jim.thurston@rmh.nhs.uk  
Jessica Sowden: jessica.sowden@rmh.nhs.uk  
or call 020 7808 2509.

In association with

King's College Hospital   
NHS Trust

## Radiation Protection Training Course

Providing a basic underpinning knowledge for Radiation Protection Advisers  
IPEM CPD Accredited

Monday 8<sup>th</sup> – Friday 12<sup>th</sup> May 2017

For further information on registration contact the RPTC Secretariat - Louise Sear (or Caroline Saunders) by email – [physicscourseadmin@icr.ac.uk](mailto:physicscourseadmin@icr.ac.uk) or call 0208 661 3700

For further information on course content, email Jim Thurston (Course Organiser), [jim.thurston@rmh.nhs.uk](mailto:jim.thurston@rmh.nhs.uk) or Jessica Sowden, [jessica.sowden@rmh.nhs.uk](mailto:jessica.sowden@rmh.nhs.uk) or call 0207 808 2509.

### Course content

This course provides the theoretical background and training necessary for the radiological protection requirements of both ionising and non-ionising radiations used in hospitals. The course is accredited for IPEM CPD.

The first 4-day module (Monday till Thursday) covers the following subject areas: radiation risks, dosimetry, biological effects, instrumentation, legislation, transport, emergencies and safe practice in the medical uses of ionising radiations.

The additional (optional) 1-day module on Friday covers non-ionising radiation protection. As well as lectures there will be small informal workshop sessions covering a range of practical issues.

The course is at a level suitable for hospital physicists working in the field of radiation protection or those who want to expand their knowledge in this field. It is particularly suitable for those wishing to become Radiation Protection Advisors and covers the Basic Underpinning Knowledge (Basic Syllabus as set out in Annex 3 of the HSE statement on Radiation Protection Advisors.

Course materials including a comprehensive course booklet and PowerPoint presentations on a USB memory stick, and a certificate of attendance is provided

### Cost

The cost includes course materials, lunches, light refreshments, and the course dinner (if you have any dietary requirements please give details in the space provided at the bottom of the registration form)

Course options	Payment details	
	Received by 24 <sup>th</sup> March 2017	Received after 24 <sup>th</sup> March 2017
Full Course (Including day 5: Non-Ionising Radiation Protection)	£650	£750
4-Day Course (Excluding day 5: Non-Ionising Radiation Protection)	£550	£650

### Payment

**By Cheque** – Please make payable to “Institute of Cancer Research – PHRJOL”

**By Invoice** – a Purchase Order number – **must be included on the Registration Form**

**By Credit Card** – please complete details on the Registration Form – **it must be signed by the cardholder**

**By BACS/Overseas Applicants** – please contact the RPTC Secretariat

### Venue

The course will be given at: The Education and Conference Centre, The Royal Marsden NHS Foundation Trust, Stewart’s Grove (off the Fulham Road), London, SW3 6JJ

### Accommodation

Accommodation is available in nearby hotels, B&Bs and private houses.

Details can be supplied if required; tick the box at the bottom of the registration form

### Course lecturers

Miss M Bidmead (RMH)  
Dr I A Castellano (RMH)  
Mr M Thomas (RMH)  
Mrs P Clinch (KCH)  
Dr C A Lewis (KCH)

Mrs B Pratt (RMH)  
Dr I Rivens (ICR)  
Dr M Schmidt (ICR)  
Ms J Sowden (RMH)  
Mr J Thurston (RMH)

### Course content overview

Day 1 Review of the Basics	Day 2 Statutory requirements
Historical Review Protection Agencies Interaction and Units Sources of IR Exposure Instrumentation Risk and Effects	Framework IR(ME)R IRR99 RPA Certification EPR2010 Transport Requirements
Day 3 Radiation Protection in Hospitals	Day 4 External Influences and Emergencies
Diagnostic Radiology Patient Doses and DRLs Protection of Progeny Brachytherapy Unsealed Sources Beam Radiotherapy	NRES and Ethics Emergencies NAIR / Accidents PET and Cyclotrons Guest Lecturer Assessment (Optional)
Day 5 Non-Ionising Radiation Protection (optional)	Days 1-4 Workshops (from the following topics)
Ultra-Violet Ultrasound MRI and Spectroscopy Microwave and RF LASERS	Role Play Risk Assessments Auditing The Unexpected Research Ethics Applications