The Training Centre
Health Protection Agency
Centre for Radiation, Chemical and Environmental Hazards
Chilton Didcot Oxon
OX11 ORQ
UK



The electromagnetic field (EMF) environment in which we live is becoming busier and increasingly diverse, particularly as more popular wireless technologies are being developed and used. At the same time there are health concerns as some studies suggest the possibility of various adverse health effects associated with exposure to EMFs.

One of the main roles of the Health Protection Agency is to provide advice on standards of protection for exposure to non-ionising radiation. Examples of non-ionising radiation include the extremely-low frequency (ELF) electric and magnetic fields associated with electricity use and supply, and the radio frequency (RF) electromagnetic fields associated with wireless communications.

#### **Course Outline**

This course provides an introduction to the characteristics of EMFs and the effects of exposure to this type of non-ionising radiation. It includes an overview of the current status of biological and epidemiological research in this area together with the latest information on exposure guidelines and regulations. Delegates will also be introduced to the exposure assessment process, with some practical activities and case studies incorporated in the programme. At the end of the day, there will be a short presentation given by one of HPA's communications representatives on dealing with EMF press enquiries.

This year's invited speaker is Professor Anthony Swerdlow who is a member of the International Commission on Non-Ionising Radiation Protection (ICNIRP) and also the chairman of the HPA's independent Advisory Group on Non-Ionising Radiation (AGNIR). Professor Swerdlow will present an update on the latest research developments in RF epidemiology with an overview of the recently published AGNIR RF review.

There is the opportunity to talk to the speakers during panel discussions and more informally during the day.

### **Delegate Suitability**

The course is intended for: local authorities, industry health and safety managers, and professionals working in environmental health, planning and public health.

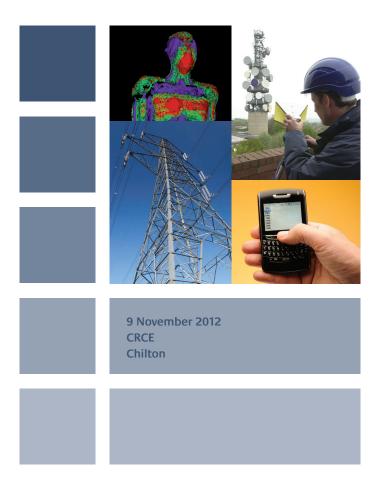
#### **Further Information**

For general information about any other radiation protection matters contact

Press and Information Group Health Protection Agency Centre for Radiation, Chemical and Environmental Hazards Chilton Didcot Oxon OX11 ORO

Tel +44 (0) 1235 822742 email chiltoninformationoffice@hpa.org.uk website www.hpa.org.uk/radiation

# Power Lines and Mobile Phones: Addressing Concerns about EMF



Health Protection Agency Centre for Radiation, Chemical and Environmental Hazards Chilton Didcot Oxon OX11 ORQ UK

### **Administrative Details**

## **Application Form**

#### **Provisional Programme**

#### 09.00

Registration and refreshments

#### 09.15

Welcome and Introduction

#### 09.30

Introduction to the Science:

Electromagnetic Fields and Dosimetry Concepts

#### 10.10

Current Biology Research Status

#### 10.45

#### 11.00

**Exposure Guidelines** 

Refreshments

#### 11.50

Morning Panel Discussion

#### 12.05

Lunch

#### 12.50

Group Work: Assessing Exposure

#### 13.50

**ELF Epidemiology** 

#### 14.10

Public Exposure

#### 14.40

Afternoon Panel Discussion

#### 14.55

Refreshments

#### 15.10

Radiofrequency Epidemiology and the AGNIR Report

#### 15.40

Communication Issues

#### 15.55

Final Panel Discussion

#### 16.20

Close (Attendance Certificate)

#### Fee

£275 per delegate. Morning coffee, lunch and afternoon tea will be included.

The lectures are given by staff from the Health Protection Agency who are specialists in the topics that are presented.

### **Enquiries**

Administration and booking enquiries should be made to the Training Centre or through our website https://www.hpa-radiationservices. org.uk/nir

+44 (0) 1235 822701 Tel +44 (0) 1235 822601 Fax chilton.training@hpa.org.uk

Technical enquiries should be made to the Course Manager emftraining@hpa.org.uk

A map and directions to the Chilton site can be found at www.hpa-radiationservices.org.uk/nir/resources/

#### **Summary of Booking Conditions**

Invoices will not normally be issued for training course places and purchase orders are not acceptable in lieu of payment. If sent they will be accepted for information purposes only.

Unless otherwise stated, there will be no refund of the course fee for cancellations received within 10 working days of the course start date. For courses where this period is 5 weeks this will be clearly stated. For all other cancellations, the course fee will be refunded, less an administration fee.

Full HPA Terms and Conditions apply and can be found at www.hpa-radiationservices.org.uk/nir/resources/

Please note HPA has a No Smoking policy on its property

#### Power Lines and Mobile Phones: Addressing Concerns about EMF

### 9 November 2012 **CRCE Training Centre Chilton**

Please tick box indicating area of interes	t
Powerfrequencies Induction heating	RF dielectric heating/welding RF broadcast/communications
Mobile telephony	Other
Cheque enclosed for £275	
<ul><li>I have paid by credit card</li><li>I will pay by BACS (please contact the</li></ul>	e Training Centre)
	- Halling Certife)
Title	
Surname	
Forename(s)	
Employer and address	
Postcode and country	
Nationality	
Tel	
Fax	
email	
Alternative correspondence address	
Postcode and country	
Please state any dietary or other specia	al needs
I confirm that I have read and agree to booking available on the HPA website	the Full Terms and Conditions of
Signed	Date
Print name	
	Course Reference No. LTK