



# 2017 – 2018 European Training and Education for Medical Physics Experts in Radiology



## Objectives:

- Dedicated specialist course modules for Medical Physicists in Radiology
- Modular course program: make your choice
- Online preparation & face-to-face education in groups of around 20 participants
- Course content directly derived from the 'European Guidelines on the Medical Physics Expert' document (RP174)
- Each course module is accredited by EFOMP for about 160 CPDs

Boost your career now!

Don't miss this opportunity for  
unique learning & networking!

Register now at

[www.eutempe-rx.eu](http://www.eutempe-rx.eu)

First come, first served!



## Course fees: very reasonable

Reduced fees for the first 6 applicants from AL, BY, BA, BG, CY, EE, GR, HU, XK, LV, LT, MK, MD, ME, PL, RO, RU, RS, SK, SI, TR, UA

## Requirements:

- 2 years of experience as medical physicist in Radiology or in a Medical Device Company
- Equally welcome: PhD students & scientists in Medical Radiation Physics & Biomedical Engineering in Radiology

## Unique teaching methods:

- Extensive online teaching material using state-of-the-art multi-media techniques
- NEW: MOODLE e-learning platform
- Online phase to prepare yourself and learn anytime, anywhere. You situate and introduce your issues upfront
- You develop your skills and deep knowledge during the face-to-face part
- Face-to-face = interactive teaching at the highest level. You exploit the strength of group projects and case studies



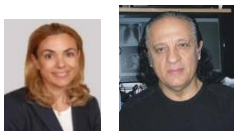
- True training of MPE skills: case studies, design of project plans, trouble shooting practices, simulation studies, ...
- Assessment is voluntary, but required to double your CPD points (from 80 to about 160 CPDs/module)

**Last but not least:** make friends and contacts with your peers and international colleagues. Social events are integral to the modules.

**Coordinator:** H. Bosmans, KU Leuven, Belgium

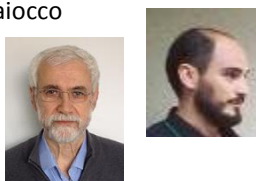
### MODULE 1: Leadership in Medical Physics: Development of the profession and the challenges for the Medical Physics Expert in Diagnostic and Interventional Radiology

Leaders: C. Caruana & V. Tsapaki  
Online start: 01 Nov 2016  
Date: 6 – 10 February 2017  
Location: Prague, Czech Republic  
Registration fee: 440 €  
Reduced fee: 240 €



### MODULE 2: Radiation Biology for Medical Physicists in Radiology

Leader: A. Ottolenghi & G. Baiocco  
Online start: 01 Nov 2017  
Date: 15 – 19 January 2018  
Location: Pavia, Italy  
Registration fee: 470 €  
Reduced fee: 250 €



### MODULE 3: Monte Carlo Simulations of X-ray Imaging and Dosimetry

Leader: J. Sempau  
Online start: 22 May 2017  
Date: 19 – 23 June 2017  
Post-online: until July 21, 2017  
Location: Barcelona, Spain  
Registration fee: 760 €  
Reduced fee: 380 €



### MODULE 4: Innovation & Advanced X-ray Physics in Radiology

Leaders: A. Taibi & M. Gambaccini  
Online start: 01 July 2017  
Date: 11 – 15 September 2017  
Location: Ferrara, Italy  
Registration fee: 540 €  
Reduced fee: 280 €



### MODULE 5: Physical and Virtual Anthropomorphic Phantoms for Image Quality and Patient Dose Optimization

Leader: K. Bliznakova  
Online start: 01 April 2017  
Date: 22 – 26 May 2017  
Location: Varna, Bulgaria  
Registration fee: 170 €\*  
Reduced fee: 100 €\*  
*\*Financially supported by the EU project MaXiMa*



### MODULE 6: The Development of Advanced Protocols for Quality Assurance of Radiological Devices

Leaders: H. Bosmans, N. Marshall & E. Vano  
Online start: 01 Sept 2017  
Date: 13 – 17 November 2017  
Location: Leuven, Belgium  
Registration fee: 590 €  
Reduced fee: 310 €



### MODULE 7: Optimisation of X-ray Imaging using standard and innovative Techniques

Leaders: A. Mackenzie & K. Young  
Online start: 15 June 2017  
Date: 9 – 11 Oct 2017  
Location: Guildford, UK  
Registration fee: £580 (£440°)  
Reduced fee: £300 (£240°)



*°on line part only*

### MODULE 8: Mathematical Model Observers developed and implemented for Patient Dose Optimization in CT

Leaders: F. Verdun & F. Bochud  
Online start: 15 January 2018  
Date: 12 – 16 March 2018  
Location: Lausanne, Switzerland  
Registration fee: 520 €  
Reduced fee: 280 €



### MODULE 9: Achieving Quality in diagnostic and screening Mammography

Leaders: R. van Engen, I. Sechopoulos & W. Veldkamp  
Online start: 15 January 2017  
Date: 27 – 31 March 2017  
Location: Nijmegen, the Netherlands  
Registration fee: 950 €\*  
Reduced fee: 500 €\*  
\* incl. lunches and 1 dinner



### MODULE 10: High dose X-ray Procedures in Interventional Radiology and Cardiology: establishment of robust Protocols for Patient and Staff Dose

Leaders: A. Trianni & E. Vano  
Date: 23 – 27 June 2018 (tbd)  
Location: Udine, Italy  
Registration fee: to be decided  
Reduced fee: to be decided



### MODULE 11: Radiation Dose Management of pregnant Patients, pregnant Staff and Paediatric Patients in Radiology

Leader: J. Damilakis  
Online start: 01 April 2018  
Date: 21-25 May 2018  
Location: Iraklion (Crete), Greece  
Registration fee: 700 €  
Reduced fee: 370 €



### MODULE 12: Personnel Dosimetry, Communication & Tasks of the Radiation Protection Expert

Leaders: M. Borowski & M. Fiebich  
Online start: 01 March 2018  
Date: 16 – 20 April 2018  
Location: Braunschweig, Germany  
Registration fee: 760 €  
Reduced fee: 400 €

