



This course has been accredited by EBAMP as CPD event for Medical Physicists at EQF Level 8 and awarded 14 CPD credit points

## ESMPE European School for Medical Physics Experts EFOMP PET/CT and PET/MR Quality Control Protocol

**August 17, 2022**

**Dublin, Ireland**

The school aims to illustrate the EFOMP PET/CT and PET/MR Quality Control Protocol. This one-day event will be accredited by EBAMP (European Board of Accreditation for Medical Physics) as CPD event for Medical Physicists at EQF Level 8 and is intended for practicing clinical Medical Physicists who are involved in Nuclear Medicine.

Dublin 2022

### Faculty

**Roberta Matheoud** University Hospital Maggiore della Carità, Novara, Italy

**Jaroslav Ptacek** University Hospital Olomouc, Olomouc, Czech Republic

**Marine Soret** Service de Médecine Nucléaire, AP-HP Sorbonne Université, Paris, France

### Time-table

17th August 2022 Wednesday	Title	Description	Lecturer
8:00-9:00	Registration		
Morning chairs: Roberta Matheoud (IT), J. Ptacek (CZ)			
<b>The bases for a guideline on QC on PET/CT and PET/MR</b>			
9:00-9:30	Introduction/scope	How to setup a simple and feasible QC program starting from a survey	Roberta Matheoud (IT)
9:30-10:00	Routine manufacturer QC	The so-called "Daily QC" on PET, CT and MR components	Roberta Matheoud (IT)
<b>Auxiliary equipment, PET, CT and MR QC</b>			
10:00-10:20	Routine QC on the auxiliary equipments	Radionuclide calibrators, weighing scales	Roberta Matheoud (IT)
10:20-11:00	Routine QC	PET scanners	Roberta Matheoud (IT)
11:00-11:30	Routine QC	CT scanner	Marine Soret (FR)

11:30-12:00	Routine QC	MR scanner	Marine Soret (FR)
12:00-13:00	<b>Lunch break</b>		
	<b>'Practical' QC sessions</b>		
Afternoon chairs: Roberta Matheoud (IT)			
13:00-14:00	QC on the PET component /I	'Hands on' the QC on the PET scanner: tutorial video for phantom preparation and acquisition setup	Jaroslav Ptáček (CZ)
14:00-15:00	QC on the PET component/II	'Hands on' the QC on the PET scanner: tutorial video for image analysis with home made software	Jaroslav Ptáček (CZ)
15:00-16:00	QC on the CT/MR component	'Hands on' the QC on the MR/CT scanner:	Marine Soret (FR)

### Further information

**Course language**

English

**Level**

MPE – Level 8

**Maximum number of participants**

**50**

**Duration**

**17th August 2022**

**Study load**

6 hours of lectures and demonstrations