

ESMPE European School for Medical Physics Experts

Treatment Planning systems

Jointly organised by ESMPE and COCIR

10th-12th October 2019, Warsaw, Poland

The EFOMP and COCIR (The European Coordination Committee of the Radiological, Electromedical and Healthcare IT Industry) in collaboration with the Polish Society for Medical Physics (PSMP) would like to invite you to the next ESMPE in **Radiotherapy 2019**.

The school will be aimed at advanced tasks connected with the use of Treatment Planning systems in radiotherapy planning. The school will cover the main physics aspects of the input data to treatment planning systems, an overview of the main dose calculation approaches, use of imaging in RT planning and delivery and future developments.

This edition is jointly organized by EFOMP and COCIR. Lecturers identified by COCIR will give insides on the technical solution adopted by manufacturers in the relevant fields of dose calculation and optimization.

This two-and-half day event will be accredited by EBAMP (European Board of Accreditation for Medical Physics) and is intended for practicing clinical Medical Physicists who are involved in radiotherapy treatment planning. As in last year's school, there will be an optional examination at the end for those seeking a higher level of certification beyond attendance.

Content

Medical Physicist and vendor responsibilities for TPS – data input for TPS – common dose calculation approaches – QA of TPS

Imaging for treatment planning – imaging for treatment delivery - Use of CT and MRI in modern radiotherapy. Cone Beam CT. Implications of on treatment imaging for dose calculation.

Patient specific QA measurements - Patient Specific Dosimetry - Managing patient imaging dose. Optimisation of patient dose

Advances in TPS development– Automated planning and QA – Biological dose optimization.

Final exam

The final exam is voluntary. Participants can gain additional credits when successfully pass the test.

Organizers

Pawel Kukulowicz (Polish Society), **Efi Koutsouveli** (ESMPE)

Brendan McClean (Scientific Chair), **Alberto Torresin** (Chair of the School)

Further Information

Course language	English
Level	MPE
Registration fee* (2 main meals, 5 coffee breaks, 1 social dinner)	300 € 350 € (from 01.09.2019)
Reduced registration fee* <ul style="list-style-type: none"> • subsidized by EFOMP • first-come, first-served policy • deadline for application (12.09.2019) 	150 € - for the first 10 attendees (max. 2 from one country) coming from the following European countries: Albania, Belarus, Czech Republic, Bosnia & Herzegovina, Bulgaria, Croatia, Cyprus, Estonia, Greece, Hungary, Kosovo, Latvia, Lithuania, Macedonia, Moldova, Montenegro, Romania, Russia, Serbia, Slovakia, Slovenia, Turkey, Ukraine.
Maximum number of participants	80
Duration	10 th October 2019 – 12 th October 2019
Study load	16 hours of lectures and demonstrations
Venue	Warsaw, Poland
GPS coordinates	To be announced
Accommodation	Individual
Information, program, etc. Practical information at:	www.efomp.org to be announced
Registration	Electronic registration via EFOMP website
Registration period	1st February 2019 – 12th September 2019

* payment must be done in 14 days following the pre-registration, otherwise pre-registration will be cancelled and neither free place nor subsidized or ordinary fee can be granted for repeated registration

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