

MI Physicist Online Course

21st - 23rd September 2026

Location: Online via Microsoft Teams



Agenda

Day 2: CT

Times in CET

Session 1	System overview & acquisition
09.30 - 10.20	Course introduction
	System overview and architecture
	Scanner specifications and performance
10.20 - 10.30	Short break
Session 2	Optimising through acquisition
10.30 - 11.20	Acquisition principles
	Tube current modulation
	Tube voltage optimisation
11.20 - 11.30	Short break
Session 3	Optimisation through tin filtration
11.30 - 12.00	Tin filter principles
	Dose optimisation in PET-CT
	Dose optimisation in SPECT-CT
12.00 - 12.30	Lunch
Session 4	Optimisation through reconstruction
12.30 - 13.20	Reconstruction
	Metal artefact reduction
13.20 - 13.30	Short break
Session 5	Quality control
13.30 - 14.00	Quality control

Please note that the agenda is subject to change



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Session 6	Attenuation correction
14.00 - 14.15	Attenuation correction principles
14.15 - 14.30	Short break
Session 7	Optimising CT protocols for clinical purpose
14.30 - 15.30	Protocol optimisation for AC, localisation, characterisation & diagnostic purposes Q&A, discussion
15.30	Finish

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