



# Table of contents

Monday 29 April 2024 .....	1
----------------------------	---

# Joint ICTP-IAEA Workshop on Quantitative Imaging and Analysis Methods in Modern Nuclear Medicine | (smr 3933)

## Monday 29 April 2024

**notitle - Giambiagi Lecture Hall (AGH) (09:00-17:00)**

time	title	presenter
09:00	Welcome and Introduction	MARCO ESPOSITO (ICTP, ITALY), PETER KNOLL (IAEA, AUSTRIA)
09:30	Participants' self introduction	
10:00	Pre-Test	
10:30	Group photo for participants 'in person' & Coffee Break	
11:00	The Role of Medical Physicist in Nuclear Medicine	PETER KNOLL
11:30	Group photo for online participants	
11:30	Gamma Camera Principles	MICHAEL LJUNGBERG
12:00	SPECT Physics	MICHAEL LJUNGBERG
12:30	Lunch	
13:30	CT Physics	IVO RAUSCH
14:00	Techniques in Image Segmentation	DIMITRIS VISVIKIS
14:30	Monte Carlo Simulations I	MICHAEL LJUNGBERG
15:00	Coffee Break	
15:30	PET Physics I	ELENA DE PONTI
16:00	PET Physics II	ELENA DE PONTI
16:30	Synergies of Multimodality Imaging I	DIMITRIS VISVIKIS