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College on Medical Physics 2024: Medical Imaging Physics - Enhancing the capability of medical physics in the Developing Countries to contribute to more effective and safer diagnostic medical imaging procedures of the population | (smr 3967)

Tuesday 10 September 2024

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

time	title	presenter
09:00	Diagnostic Radiology sources of radiation - X-ray tubes: Theory, Construction and Specificities	SLAVIK TABAKOV
09:50	Diagnostic Radiology sources of radiation - X-ray Generators: Theory, Construction and Specificities	SLAVIK TABAKOV
10:40	Coffee Break	
11:00	X-ray Fluoroscopy and Digital Fluoroscopic imaging systems	SLAVIK TABAKOV
11:50	Digital Detectors in Diagnostic Radiology: Main parameters MTF, SNR, NPS, NEQ, DQE	SLAVIK TABAKOV
12:40	Lunch Break	
14:00	Digital Mammography and Optimization	FRANCO MILANO
14:50	Coffee Break	
15:10	Advanced Mammography applications (Tomosynthesis & Contrast enhanced Digital Mammography)	FRANCO MILANO
16:00	Characteristics of Medical Images that Determine Visibility of Body Structure and Clinical Conditions – Educational Video	PERRY SPRAWLS