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Medical Imaging Physics and Technology - Principles of Optimisation, Safety, and Education Development for Building Capacity in Developing Countries | (smr 3734)

Monday 19 September 2022

notitle - Kastler Lecture Hall (AGH) (09:00-17:00)

time	title	presenter
09:00	Magnetic resonance (MR) basic physics and signal generation	JOHN OSHINSKI
09:50	Magnetic resonance imaging (MRI) systems and hardware	JOHN OSHINSKI
10:40	Coffee break	
11:00	Radiation detectors and measurement	SAMEER VIJAY TIPNIS
11:50	Characteristics of radionuclides for imaging	SAMEER VIJAY TIPNIS
12:40	Lunch	
14:00	The MR imaging process – spatial localization I	JOHN OSHINSKI
14:50	Coffee break	
15:10	The MR imaging process – spatial localization II	JOHN OSHINSKI
16:10	Principles of Ultrasound Imaging Quality control	SAMEER VIJAY TIPNIS