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Joint ICTP-IAEA Workshop on the Clinical Application of Imaging-Based Artificial Intelligence Systems for Medical Physicists | (smr 4246)

Tuesday 17 November 2026

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

time	title	presenter
09:00	Statistical foundations for AI users	SERAFINA DI GIOIA
09:45	Machine learning models and performance metrics	SERAFINA DI GIOIA (ICTP), ANDRE DEKKER (MAASTRICHT UNIVERSITY, MEDICAL CENTER AND MAASTRO CLINIC)
10:30	Group photo and coffee break	
11:00	Deep learning basics for imaging-based AI users	SERAFINA DI GIOIA (ICTP), GIULIA GIOVANNINI (ATS LIGURIA, AREA 2)
11:45	Data collection, DICOM, PACS/RIS/TPS and de-identification	ASHISH JHA
12:30	Lunch break	
13:30	AI in diagnostic radiology and nuclear medicine: (clinical and technical challenges) and applications	GIULIA GIOVANNINI
14:15	AI in Radiotherapy: (clinical and technical challenges) and applications	ANDRE DEKKER
15:00	Coffee break	
15:30	Data curation, labelling, harmonization and bias in ML/DL datasets	ASHISH JHA
16:15	Bias, subgroup performance and data drift	ANDRE DEKKER