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# Joint IAEA-ICTP Workshop on Artificial Intelligence and Machine Learning in Advancing Nuclear Engineering and Technology: from Theory to Practice | (smr 4061)

Tuesday 11 March 2025

- Giambiagi Lecture Hall (AGH) (09:00-17:30)

time	title	presenter
09:00	Mathematics of Deep Learning	HANY S. ABDEL-KHALIK (PURDUE UNIVERSITY, USA), IBRAHIM AHMED (POLITECNICO DI MILANO, ITALY)
10:30	Coffee Break	
10:45	Pattern Recognition	NICOLA PEDRONI
12:30	Lunch Break	
13:30	DL Mathematical Tools	NICOLA PEDRONI
15:15	Coffee Break	
15:30	Autoencoders	NICOLA PEDRONI