

Table of contents

Monday 10 March 2025	1
----------------------------	---

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

Monday 10 March 2025

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

time	title	presenter
09:00	Introduction. Artificial Intelligence (AI) and Machine Learning (ML) in Nuclear Engineering and Technology	HANY S. ABDEL-KHALIK (PURDUE UNIVERSITY, USA) PIERO BARALDI (POLITECNICO DI MILANO, ITALY)
10:30	Coffee Break	
10:45	AI and ML Methods and Techniques	PIERO BARALDI
12:00	Potential Areas for the Deployment of AI in Support of Nuclear Safety Assessments	MOUNIA BERDAI
12:30	Lunch Break	
13:30	AI and ML Methods and Techniques – Hands-on Practice	IBRAHIM AHMED
15:15	Coffee Break	
15:30	Time Series Data Processing – Hands-on Practice	IBRAHIM AHMED