



**Joint IAEA-ICTP Workshop on Artificial Intelligence and Machine Learning in Advancing Nuclear Engineering and Technology: from Theory to Practice**

10 Mar 2025 - 14 Mar 2025  
ICTP, Italy

**3 Directors**

1. <b>ABDEL-KHALIK Hany Samy</b>	(In Pers.)	Purdue University	United States of America
2. <b>MIASOEDOV Alexei</b>	(In Pers.)	IAEA Nuclear Power Technology Development Section Department of Nuclear Energy	Austria
3. <b>NGOY KUBELWA Nelly</b>	(In Pers.)	IAEA	Austria

**9 Lecturers**

1. <b>AHMED Ibrahim</b>	(In Pers.)	Politecnico di Milano	Italy
2. <b>BARALDI Piero</b>	(In Pers.)	Politecnico di Milano	Italy
3. <b>BERDAI Dr Mounia</b>	(Online)	Canadian Nuclear Safety Commission	-
4. <b>CARAYANNOPOULOS Loukas Leonidas</b>	(In Pers.)	Massachusetts Institute of Technology	United States of America
5. <b>MERTYUREK Ugur</b>	(In Pers.)	Oak Ridge National Laboratory	United States of America
6. <b>PEDRONI Nicola</b>	(In Pers.)	Politecnico di Torino	Italy
7. <b>PINCIROLI Luca</b>	(In Pers.)	Politecnico di Milano	Italy
8. <b>VALCAMONICO Dario</b>	(In Pers.)	Politecnico di Milano	Italy
9. <b>ZIO Enrico</b>	(In Pers.)	Politecnico di Milano, Centro Studi Nucleari Enrico Fermi - CESNEF, Dip. di Ingegneria Nucleare	Italy

**1 Tutor**

1. <b>SUNDARAM Arvind</b>	(Online)	Purdue University	United States of America
---------------------------	----------	-------------------	--------------------------

**45 Participants**

1. <b>ABDELRAHMAN Mahmoud</b>	(Online)	SCK CEN (Belgian Nuclear Research Centre), Research Group on Radiation Protection Dosimetry and Calibration	Belgium
2. <b>ABU EHMAID Hayat Basim Anees</b>	(In Pers.)	Jordan Atomic Energy Commission	Jordan
3. <b>ADAMU Umar Umar</b>	(Online)	Energy Commission of Nigeria	Nigeria
4. <b>ALSALEM Mohammad Turki Khaleel</b>	(Online)	Politecnico di Milano School of Industrial and Information Engineering Nuclear Engineering department	Italy
5. <b>ANAGOSTOPOULOU Vasiliki</b>	(Online)	Italian National Agency for New Technologies, Energy, and Sustainability - ENEA Frascati (FSN) Industrial Engineering Department, University of Rome "Tor Vergata"	Italy
6. <b>ANGU Nana Yaw Amanyi</b>	(In Pers.)	Colorado State University	United States of America
7. <b>BELTRAN MARTINEZ Gabriel Esteban</b>	(Online)	-	United States of America
8. <b>BRAHIM Ezequiel Pablo</b>	(Online)	Nucleoelectrica Argentina S.A	Argentina
9. <b>CASAS MOLINA Victor Jose</b>	(In Pers.)	Belgian Nuclear Research Centre (SCK CEN)	Belgium
10. <b>CHOTALIYA Jay Dineshbhai</b>	(Online)	University of Kassel	Germany
11. <b>CHOWDHURY Md Injamam Ul Islam</b>	(Online)	Nuclear Power Plant Company Bangladesh Limited	Bangladesh
12. <b>CRUBELLIER Pablo Rodolfo</b>	(In Pers.)	National Atomic Energy Commission Equipment Qualification and Life Management Department	Argentina
13. <b>DIAS RODRIGUES Lucas</b>	(Online)	Universidade Federal do Rio de Janeiro	Brazil
14. <b>DJEDDOU Messaoud</b>	(Online)	Faculty of Sciences and Applied Sciences	Algeria
15. <b>EDATHIRINJI DINESHKUMAR Gramshi</b>	(Online)	-	India
16. <b>FABRI Matheus Augusto</b>	(In Pers.)	University of Padova - UNIPD Department of Physics and Astronomy - DFA	Italy
17. <b>FATIĆ Enida</b>	(Online)	Jožef Stefan Institute	Slovenia
18. <b>FINDIK Şevval</b>	(In Pers.)	-	Türkiye

19.	<b>IBRAHIM Ahmed Abdou Abdallah</b>	(Online)	Alexandria University Faculty of Engineering Nuclear and Radiological Engineering Department	Egypt
20.	<b>IBRAHIM Zainab Danjuma</b>	(Online)	Nigeria Atomic Energy Commission Nuclear Power Plant Development	Nigeria
21.	<b>ICHINA LOPEZ Alejandra Estefanía</b>	(Online)	IMT Atlantique (ex École des Mines Télécom Atlantique)	France
22.	<b>JAVED Nimra</b>	(Online)	Center for International Strategic Studies Azad Jammu and Kashmir (CISS AJK)	Pakistan
23.	<b>JILLANI Ghulam</b>	(Online)	School of Nuclear Science and Technology Xi'an Jiaotong University	China
24.	<b>KAHRAMAN Mahmut Cuneyt</b>	(Online)	Yalova University Energy Systems Enegeneering Department	Türkiye
25.	<b>MALATIM Tariq Zakariya Nouri</b>	(In Pers.)	Tajoura Nuclear Research Center (TNRC)	Libya
26.	<b>MARZOCCA Ana Lucia</b>	(Online)	CNEA Department of Emerging Technologies in Information and Communications Technology Management (GTIC)	Argentina
27.	<b>MEKONIN Tadelech Sisay</b>	(In Pers.)	Wachemo University Department of Physics	Ethiopia
28.	<b>MIGUELEZ SILVA Roberto</b>	(In Pers.)	Technical University of Madrid Energy and Fuels Department	Spain
29.	<b>MITEVA Simona</b>	(In Pers.)	Kozloduy Nuclear Power Plant	Bulgaria
30.	<b>MOHAMED Moharam Abdelkhalek Ahmed</b>	(Online)	Faculty of Engineering Nuclear and Radiation Department Alexandria University	Egypt
31.	<b>MOSTAFA Fatma Mosaad Elsayed Ali</b>	(In Pers.)	Nuclear and Radiation Department Faculty of Engineering Alexandria University	Egypt
32.	<b>MWAKITALIMA Mercy Joshua</b>	(Online)	IAEA Nuclear energy - Nuclear Support System Group	Austria
33.	<b>NIBRAS ALATA ALI ABDELGADIR</b>	(Online)	Cairo University Faculty of Computers and Artificial Intelligence	Egypt
34.	<b>NUNEZ SELIN Alejandro Said</b>	(Online)	Balseiro Institute Neutron Physics Laboratory	Argentina
35.	<b>OKOYE Geraldine Nneka</b>	(Online)	Department of Physics Ahmadu Bello University	Nigeria
36.	<b>OZBEK Mustafa Umut</b>	(In Pers.)	IC ICTAS Industrial Akkuyu Nuclear Power Plant Project	Türkiye
37.	<b>RAHMATULLAH Helmi Fauzi</b>	(In Pers.)	Research Center of Nuclear Material and Radioactive Waste Technology, Organization Nuclear Energy National Research and Innovation Agency of Indonesia (BRIN - Indonesia)	Indonesia
38.	<b>ROBERTO Federica</b>	(In Pers.)	SCK CEN Belgian Nuclear Research Center. Nuclear Medical Applications Radiation Protection Dosimetry and Calibration Group	Belgium
39.	<b>SEFRAOUI Hanane</b>	(Online)	Mohammed First University Faculty of Science Department of Physics, Electronic and Systems Laboratory	Morocco
40.	<b>SHAH Syed Abbas Ali</b>	(In Pers.)	College of Nuclear Science and Technology Harbin Engineering University	China
41.	<b>SPIVAK Sofiia</b>	(Online)	Taras Shevchenko National University of Kyiv, Faculty of Physics, Department of Nuclear Power	Ukraine
42.	<b>TANARRO COLODRON Jorge</b>	(Online)	European Commission DG Joint Research Centre – JRC Unit JRC.02 - Euratom Coordination	Netherlands (Kingdom of the)
43.	<b>TINFENA Giacomo</b>	(Online)	University of Pisa Department of Civil and Industrial Engineering	Italy
44.	<b>TORRES GARCÍA Jesús Israel</b>	(Online)	Reactor Physics department Jožef Stefan Institute	Slovenia
45.	<b>XIA Bing</b>	(In Pers.)	Institute of Nuclear and New Energy Technology Tsinghua University	China