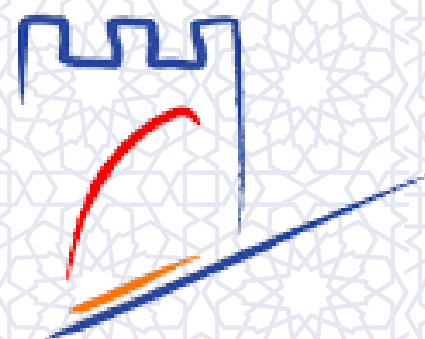




CNESTEN

المركز الوطني للطاقة والعلوم والتقنيات النووية  
Centre National de l'Energie, des Sciences  
et des Techniques Nucléaires

جامعة الحسن الأول  
UNIVERSITÉ HASSAN 1<sup>er</sup>



المعهد العالي لعلوم الصحة  
INSTITUT SUPÉRIEUR  
DES SCIENCES DE LA SANTÉ



ASSOCIATION MAROCAINE  
DE PHYSIQUE MÉDICALE

## International scientific event

# Clinical Training of Medical Physicists in Morocco : Between New Technologies and Academic Challenges



10-11 April 2026



Rabat

Scan for registration and program details !



SCAN HERE

For further details contact us :  
[communication@eventmp.org](mailto:communication@eventmp.org)

Endorsed by :



## About the event:

The International scientific event entitled “Clinical Training of Medical Physicists in Morocco: Between New Technologies and Academic Challenges” aims to develop a clinical training program tailored to the needs of Moroccan medical physicists. Its objective is to harmonize their training with the cutting-edge technologies already available in Morocco, while adhering to international standards.

The initiative seeks to bridge the gap between the current training model considered overly theoretical and the requirements of leading scientific societies such as the IAEA, ESTRO, and AAPM.

## Tracks:

- Clinical training models for medical physicists: international benchmarks
- Integration of emerging technologies in medical physics education
- Harmonization of academic curricula with clinical practice requirements
- Regulatory frameworks and professional recognition of medical physicists
- Quality assurance, patient safety, and risk management
- Radiotherapy, nuclear medicine, diagnostic radiology, and radiation protection
- Future challenges in medical physics education in Africa and the MENA region

## Audience

- Medical physicists (junior, senior, and experts)
- University professors and academic researchers
- Hospital managers and healthcare decision-makers
- Regulatory authorities and national institutions
- Medical physics students and residents
- Medical technology companies and industry partners

## International speakers

The event will host renowned international experts representing leading organizations and institutions, including:

- International Atomic Energy Agency (IAEA )
- European Society for Radiotherapy and Oncology (ESTRO)
- American Association of Physicists in Medicine (AAPM)
- Paul Scherrer Institute (PSI )-Switzerland
- National Institute for Nuclear Science and Technology (INSTN)-France
- French Society of Medical Physics (SFPM)
- The National Institute for Nuclear Physics (INFN)-Italy
- Swiss Society of Radiobiology and Medical Physics (SSRMP)-Switzerland
- CHU Charleroi Chimay–Belgique

## National speakers

High-level Moroccan experts and institutional leaders to address national challenges, local implementation strategies, and the development of a Moroccan clinical training framework for medical physicists.

- Higher Institute of Health Sciences-ISSS
- National Center for Nuclear Energy, Science and Technology-CNESTEN
- Moroccan Association of Medical Physics-AMPM
- National Oncology Institute-INO
- Moroccan Agency for Nuclear and Radiological Safety and Security-AMSSNuR
- Academic institutions

***Futher details about the event***



SCAN HERE

Program day 1 :  
Friday, April 10, 2026

# Clinical Training of Medical Physicists : National and International Challenges and Perspectives

(Moderation : Ms Asmae Noura & Mr Yasser RAOUI)

08h00-08h30	Registration
08h35-09h00	Welcoming remarks (Ms N.BENTALEB, Mr R.MESRADI et Mr Abdelati Noureddine)
09h05- 09h30	Opening speech : <ul style="list-style-type: none"><li>• Mr Moukrim Abdellatif : President of University Hassan I</li><li>• Mr Marah Hamid : Director General of CNESTEN</li><li>• Mr Elmadani Saad : Director of ISSS</li><li>• Mr Mehdi EL OUARTITI : President of AMPM</li></ul>
09h30-10h00	Photo group & Coffee break
	<b>Session 1: International Perspectives on Clinical Training in Medical Physics</b>
10h05-10h25	Challenges and perspectives of clinical training in Africa Ms Mcknight Aoife-IAEA
10h25-10h45	The European framework – programs, competency standards, and key qualification pathways Ms Cristina Garibaldi & Mr Eduard Gershkevitch - ESTRO
10h45-11h05	The French model of training and qualification of medical physicists – Focus on the DQPRM Ms COLETTA Cécilia-INSTN
11h05-11h25	INFN experiences in medical physicist training Ms Sanae SAMSAM
11h30-11h50	Clinical Program at the PSI Center for Proton Therapy Mr Martin Grossmann
11h50-12h10	Experience and best practices in clinical training for medical physicists in Switzerland + workshop Ms Alessandra BOLSI-SSRMP
12h10-12h30	Medical radiophysics in Belgium Mr Milan Tomsej-CHU Charleroi
12h30-12h50	Clinical training in the USA : standards and accreditation Mr Joerg Rottmann-AAPM
13h00-14h00	Lunch break
	<b>Session 2: National Perspectives on Clinical Training in Medical Physics</b>
14h10-14h30	Overview of Medical Physics in Morocco Mr Mehdi El Ouartiti -AMPM
14h35-14h55	National regulatory framework Ms Houda IDIHIA-AMSSNuR
15h00-15h20	Leading role of CNESTEN in empowering education and training program in medical radiation sciences Ms Naoual Bentaleb-CNESTEN
15h25-15h45	Medical Physics Msc-10 years' experience at ISSS Pr Mohamed Reda Mesradi-ISSS
15h50-16h10	Presentation of the draft training framework for clinical education of medical physicists in Morocco CNESTEN-ISSS-AMPM
16h15-16h45	Coffee break
16h50-17h50	<b>Roundtable Discussion</b>  Theme: Toward a national framework for clinical training in medical physics
17h50-18h00	<b>Cloture</b>

## Morning workshops : Medical Physicist: Recognition, Regulation, and Clinical Competencies

08h10-08h54

### [Workshop 1 : SFPM](#)

Recognition and Regulatory Framework for Medical Physicists in France  
Ms Laure Parent

08h55-09h40

### [Workshop 2: IAEA](#)

How to Develop a Training Plan for Medical Physicists  
Ms MCKNIGHT Aoife  
Ms VELEZ, Graciela

09h40-10h20

### [Workshop 3: ESTRO](#)

Clinical framework for the training of medical physicists  
ESTRO

10h25-10h40

Coffee break

10h45-11h30

### [Workshop 4: AMPM](#)

Clinical Training of Medical Physicists in Morocco  
AMPM

11h30-12h20

### [Workshop 5: INO](#)

Clinical training of medical physicists within the National Oncology Institute  
INO

12h45-13h45

Lunch break

## Afternoon workshops : New Technologies Supporting Scientific, Practical, and Clinical Training

14h00-14h45

### [Workshop 1 : Radiotherapy](#)

- Treatment planning
- Clinical dosimetry
- Quality control of equipment and procedures
- Incident reporting and quality assurance – verification and monitoring

14h50-15h35

### [Workshop 2 : Nuclear Medicine](#)

- Patient dose estimation
- Quality control of equipment and procedures
- Incident reporting and quality assurance
- verification and monitoring

15h40-16h00

Coffee break

16h05-16h50

### [Workshop 3 : Diagnostic Radiology](#)

- Optimization of imaging techniques
- Quality control of imaging equipment and procedures
- Patient dose estimation
- Fetal dose estimation in the case of pregnancy

16h55-17h40

### [Workshop 4 : Radiation Protection](#)

- Regulatory and legislative framework in radiation protection
- Occupational radiation protection
- Environmental radiation protection
- Management of radioactive waste

17h40-18h00

Discussion & cloture