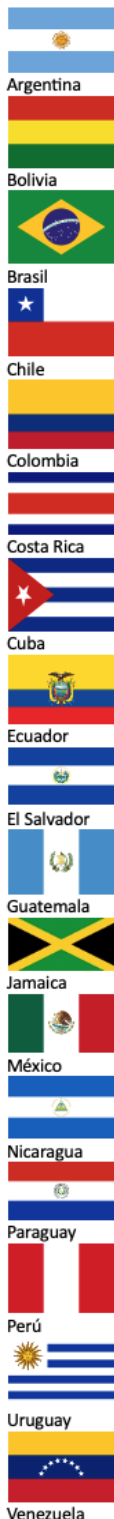


# Newsletter: December 2025



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## Editorial note

The year 2025 started with great enthusiasm for ALFIM. This year was marked by the X Latin American congress of Medical Physics, an event that consolidated our presence in the region and strengthen the bonds between colleagues of different countries.

The new executive council, lead by Erick Hernández, is working with a clear focus: Identify and deal with the immediate necessities of ALFIM, strengthening the communication between Latin American countries and consolidating the presence of the association in the region. Meanwhile the committees for continuous education, social media and international relations are working together to position ALFIM as a reference for excellency in the LATAM region.

As we end the year, we have the opportunity to make a balance of our activities, both institutional and as individuals. Each member of ALFIM can reflect upon her or his goals and acquired knowledge, however, we all have the same common goal: Guaranteeing the continuity and growth of our association. ALFIM has and will continue to subsist, moving forward with it's spark, creativity and determination that characterized us Latin American people. Our identity unites us; no matter where we are, we will always feel the fraternity of a family of colleagues that builds with each encounter, congress, and initiative that we start together.

2025 has been a year full of challenges and opportunities, and ALFIM has shown once more that with our vision, collaboration and commitment, our community of professionals continues to strengthen, leaving an Indelible mark on medical physics.

## IDMP Greetings (International Day of Medical Physics)

I speak to you as the president of the Latin American Association of Medical Physics to greet you for the international day of medical physics. Our profession has brought us to the more human side of physics, where science meets life.

Being a medical physicist in Latin America is not an easy task. Many of us rise up to the challenge of developing our craft in the region, facing difficulties, limitations but also opportunities. Today we have several generations of medical physicists, formed both inside Latin America and in other parts of the world. Some of us stay in our country of origin and others work abroad, creating bridges of knowledge that benefit colleagues and patients.

Adapting what we learn during our academic training to daily clinical practice is always a challenge, but we face it with responsibility, rigor and commitment. Each calculation, treatment, and decision we take has a direct impact on the life of patients. They trust us, and our capability of offering precise diagnosis and treatments that can save their lives.

On this day, I would like to acknowledge my teachers, my colleagues, friends and students of this noble profession. Thanks to your dedication, medical physics continues to grow in Latin America, making a positive difference in the life of a lot of people.

Let's keep moving forward with passion, commitment and rigor. Medical Physics is a bridge between science and life. Let's celebrate our work and the impact it has on the people we treat.

Today is the celebration not only for one profession, but for a call, a call to transform science into hope.



**ALFIM saluda a los físicos médicos de América Latina y el Caribe en el Día Internacional de la Física Médica**



**Medical Physics and emerging technologies: shaping the next decade**

**7 November 2025**

**Celebramos su dedicación y compromiso con la seguridad del paciente y la excelencia profesional**

**¡Juntos somos más fuertes!**

## ALFIM NEWS: Patricia Mora, IDMP Award 2025 by Cari Borrás, friend and colleague

Patricia Mora Rodríguez, medical physicist from Costa Rica, has been awarded by the international organization of medical physics (IOMP) with the prize “[International Day of Medical Physics \(IDMP\)](#)”. This prize is given each 7th of November, the day of medical physics where we commemorate the birth of **Maria Sklodowska-Curie**, whose research on radioactivity laid the foundations of modern medical physics. Starting in 2013 and in order to emphasize the work of medical physicist globally, the IOMP awards a medical physicist of each regional organization (EFOMP, AFOMP, SEAFOMP, MEFOMP, ALFIM, FAMPO and North America). In 2025 Patricia has earned the prize in representation of ALFIM, an organization that she presided between 2022 and 2025, and to which she has dedicated much effort.

The medical physicists awarded in 2025 are:



Patricia studied physics at the University of Costa Rica, where she returned after finishing a masters degree at the University of Wisconsin, Madison, under the guardianship of John Cameron, and where she worked until her retirement as professor, and head of the Master's Degree in Medical Physics and leader of the laboratory of External Dosimetry and the laboratory of metrology of ionizing radiation of the Centre for Research in Atomic, Nuclear and Molecular Sciences. She has over 35 years of experience as a medical physicist, specialized in diagnostic radiology. She has published 40 scientific papers in international journals and has directed multiple thesis on medical physics and other biomedical sciences, contributing greatly to the training of a new generation of medical physicists.

## Patricia Mora, IDMP Award 2025 by Cari Borrás, friend and colleague

I met her in January 1989, only a few months after I joined the Pan American Health Organization (PAHO) as Regional Advisor in Radiology and Radiation Protection. At the request of John Cameron, who also participated in the event, the University of Costa Rica, the International Center for Theoretical Physics, and the Costa Rican Atomic Energy Commission organized a course on *Quality Control and Dosimetry in Diagnostic Radiology*. I was invited to the course as a lecturer, representing PAHO.

This event marked the beginning of a professional and personal relationship between us that has endured to this day. Patricia and I continued to meet at scientific events throughout the Region, some national, others international. Among the latter, her collaboration with the International Atomic Energy Agency (IAEA) stands out, particularly through expert missions, technical consultations, and training courses, as well as her contributions to several IAEA publications on quality control in radiography and mammography, including methodologies for remote and automated quality assurance. For many years, we also met at the Annual Meeting of the Radiological Society of North America, which she consistently attended with her husband, Dr. Faylan Esquivel, a radiologist.

Our relationship deepened in 2022, when Patricia, newly elected President of ALFIM, invited me to lead the Scientific Committee of the 10th ALFIM Congress, a responsibility I shared with Ana María Marques de Silva. Her commitment to advancing medical physics in the Region was reflected in the support she provided, which enabled the 2025 ALFIM Congress to offer a cutting-edge scientific program. The event featured presentations on emerging technologies such as radiotheranostics and artificial intelligence, as well as a plenary lecture on medical physics in space. From March 9 to 12, 2025, the city of Antigua Guatemala welcomed more than 300 medical physicists who attended plenary and specialized sessions in the fields of radiotherapy; diagnostic and interventional radiology; nuclear medicine and theranostics; and radiation protection and innovation. More than 50 speakers contributed to the program, which included seven plenary lectures, eighteen keynote presentations, eleven refresher courses, and four roundtable discussions, along with oral presentations and poster sessions.

During the event, Patricia, together with Erick Hernández and I, was recognized as a “Distinguished Visitor” by the Municipality of Antigua Guatemala, in acknowledgment of “her outstanding professional career, leadership in the organization of the congress, and her contribution to strengthening the scientific community in the field of medical physics.”



## Patricia Mora, IDMP Award 2025 by Cari Borrás, friend and colleague



“On the left, Patricia and I in the tuk-tuk.  
On the right: Presentation of the award.”

The photo above shows the tuk-tuk (the picturesque Guatemalan mode of transportation) that took us to the event, as well as the Mayor of Antigua Guatemala, who presented the award.

But Patricia did far more than organize the Congress. Determined to increase the impact of medical physics in the Region, during her three-year presidency Patricia organized numerous educational activities, many of them online. Particularly noteworthy was the celebration of the 40th anniversary of ALFIM's founding in July 2024, which included multiple videoconferences and webinars, as well as broad dissemination of the Organization's work through social media. Her reach extended beyond the Region: she established strategic links with other medical physics societies, including the IOMP, EFOMP, AAPM, and SEFM. On the website of the latter, there is an interview in which Patricia highlighted the close collaboration between these two Spanish-speaking organizations. Thanks to all these initiatives, ALFIM's visibility and leadership in the international medical physics community were significantly strengthened.

For these reasons, the IOMP has honored her with the IDMP Award. Congratulations, Patricia! But please don't stop sending me those warm emails that so often begin with the subject line “*Saluditos*”... I would miss them dearly.

Cari Borrás



## “World Congress on Medical Physics and Biomedical Engineering”



From 29 September to 4 October 2025, the World Congress on Medical Physics and Biomedical Engineering was held in the city of Adelaide, Australia. The event featured a high-level scientific program, with a strong emphasis on cutting-edge topics for the scientific community. Among the main thematic areas, Artificial Intelligence stood out, particularly its progressive integration into clinical practice and biomedical research.

Within this context, the General Assembly of the International Organization for Medical Physics (IOMP) was convened, with Erick Hernández, President of ALFIM, participating as a member of the Board of Directors. During the session, he presented ALFIM’s activity report for the 2022–2025 term, chaired by Patricia Mora.



“IOMP Assembly”



# Newsletter: December 2025



Furthermore, the new IOMP Executive Council took office for the 2025–2028 period, chaired by Dr. Eva Bezak, with Dr. Mahadevappa Mahesh serving as Vice President and Dr. Magdalena Stoeva as Secretary. The Latin American region maintains significant representation in this Council, highlighting the participation of Dr. Simone Kodlulovich Renha, who chairs the Professional Relations Committee, thereby strengthening our region's presence in the international medical physics agenda. During the Assembly, it was reported that the outgoing President, Dr. John Damilakis, will assume the Vice Presidency of the International Union for Physical and Engineering Sciences in Medicine (IUPESM), which is currently chaired by Dr. Ratko Magjarevic



IOMP: Executive Council  
2025-2028

The IUPESM Assembly took place on Thursday, October 2nd, during which the venue for the IUPESM World Congress 2031 was selected. Additionally, the Mexican Society of Biomedical Engineering presented the candidacy of Monterrey as the host city for the IUPESM World Congress 2028. In this context, it was confirmed that the XI Latin American Congress of Medical Physics (ALFIM 2028) will be held jointly with it.

We invite all our colleagues to save the dates June 4th to 9th, 2028, to participate in both events: the World Congress 2028 and ALFIM 2028

Erick Hernández  
ALFIM President



Eva Bezak  
IOMP President

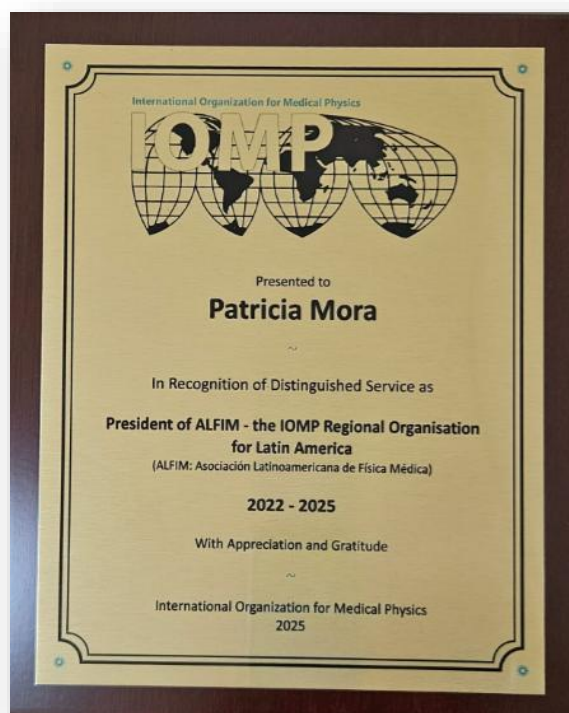


## IOMP recognizes the work of Patricia Mora as ALFIM president

During the World Congress of Physical and Engineering Sciences in Medicine, the official Presidents' Dinner was held at Casa Sir Bragg. During this gathering, the IOMP presented Patricia Mora with an award recognizing her distinguished service as ALFIM President during the 2022–2025 period.

During her tenure, she promoted the institutional strengthening of ALFIM through the formation of working groups, increased the association's presence on social media, and developed multiple training activities, including courses, virtual seminars, and regional webinars. She also coordinated the organization of the X Latin American Congress of Medical Physics, held in March 2025 in La Antigua Guatemala. Her work also fostered cooperation with international organizations such as the IOMP, the IAEA, the SEFM, and the EFOMP, thus consolidating ALFIM's standing regionally and internationally.

Patricia Mora continues to actively collaborate with ALFIM, committed to the strengthening and promotion of medical physics in Latin America and its global outreach.



## From Latin America and the World

Medical Physics Shines in Latin America!

A region united by knowledge, innovation and pride, celebrating national congresses and international recognition.

Here is a quick overview:

### Recognition as Fellow of the International Organization of Medical Physics (IOMP) to Professor Ana María Marques

On October 2, 2025, Professor Dr. Ana Maria Marques da Silva was awarded the Fellow of the International Organization for Medical Physics (IOMP) distinction, a high-prestige international recognition that underscores her career and her contributions to the development of medical physics. The ceremony took place at the restored home of Sir William Henry Bragg (Nobel Laureate in Physics, 1915), in Adelaide, Australia

Dr. Marques da Silva is a renowned medical physicist with a distinguished academic and scientific career. She holds a Bachelor's degree in Physics, a Master's degree in Physics Teaching, and a Ph.D. in Nuclear Physics from the University of São Paulo (USP), in addition to a postdoctoral fellowship at KU Leuven University, Belgium. Her research work has focused on the processing and analysis of medical images, quantitative molecular imaging, and internal dosimetry.



# Newsletter: December 2025



## FROM LATIN AMERICA AND THE WORLD

Currently, Professor Marques da Silva is a faculty member of the Doctoral Program in Radiology at the School of Medicine of USP and the Executive Director of the company Medical Imaging & Data Analytics. She has published more than one hundred scientific articles and has led international projects funded by the IAEA, FRIDA, FP7, CNPq, FAPERGS, and FINEP. She also holds positions of global relevance, including Vice President of the AAPM International Council, member of the IOMP Education and Training Committee, Associate Editor of the *European Journal of Nuclear Medicine and Molecular Imaging Physics (EJNMMI Physics)*, and active member of the Latin American Association of Medical Physics (ALFIM).

Her leadership was also evident during her tenure as Dean of the Faculty of Physics at the Pontifical Catholic University of Rio Grande do Sul (PUCRS) (2005–2017) and as Coordinator of the Medical Physics Residency Program at Hospital São Lucas PUCRS (2013–2022), contributing significantly to the training of new generations of medical physicists.

This recognition of Professor Marques da Silva, a member of ALFIM, is a source of pride for the Latin American medical physics community. Her career, academic excellence, and commitment to education and research position her as a regional and international reference. We congratulate Professor Marques on this well-deserved honor.



## FROM LATIN AMERICA AND THE WORLD

### The Master's program in Medical Physics at Instituto Balseiro in Argentina has received international accreditation

The Master's Degree in Medical Physics (MFM) at the Balseiro Institute—an institution under the National Atomic Energy Commission (CNEA) and the National University of Cuyo (UNCUYO)—received accreditation for the maximum period granted by the International Organization for Medical Physics (IOMP).

This accreditation is the result of a rigorous evaluation carried out by experts from the IOMP, the body that sets international standards for professional training in medical physics. The evaluation visit took place over two days, August 25 and 26, 2025, at the facilities of the Balseiro Institute and INTECNUS in Bariloche.

The delegation was composed of Dr. Arun Chougule (India), Chair of the IOMP Accreditation Committee, and Dr. Laura Padilla, Director of the Medical Physics Residency Program at the University of San Diego, California. The experts conducted an in-depth assessment of the academic program, including its infrastructure, curriculum, and faculty, verifying its alignment with international standards. From the Latin American Association of Medical Physics, we express our recognition and congratulations for this achievement, which reaffirms the region's academic leadership and contributes to consolidating the four accreditations currently in force in Latin America.



## Getting to Know ALFIM from Within

The Latin American Association of Medical Physics (ALFIM) is a key institution in the promotion and strengthening of Medical Physics in Latin America and the Caribbean, with a trajectory marked by regional collaboration, continuing education, and the advancement of scientific development. Its formal establishment took place on July 18, 1984, during the 26th Meeting of the AAPM and the 1st Inter-American Meeting of Medical Physics. From the outset, ALFIM received support from major organizations, including the Pan American Health Organization (PAHO), the American Association of Physicists in Medicine (AAPM), and the International Organization for Medical Physics (IOMP), which endorsed the creation of a professional body dedicated to bringing together medical physicists across the region and promoting the growth of the specialty.

Over time, ALFIM has strengthened its presence to include 17 member countries and has focused its efforts on academic and professional development. Among its main initiatives are continuing education and training through the Latin American Congress of Medical Physics, held every three years, as well as a continuous offering of seminars and virtual courses in various areas of the discipline. In the scientific sphere, the association promotes research and the dissemination of knowledge through the Latin American Journal of Medical Physics and the development of regional dose optimization projects in studies such as computed tomography, mammography, and radiography.

Throughout its evolution, ALFIM has achieved significant progress in the recognition and strengthening of the role of the medical physicist within the multidisciplinary healthcare team, while also promoting radiation protection in collaboration with initiatives such as LatinSafe. The high scientific level of the region is also reflected in the quality of the work presented at its events, including activities such as the “This Is How We Do It” contest, which showcase the talent, innovation, and commitment of Latin American professionals.



**Bienvenidos a la Asociación Latinoamericana de Física Médica (ALFIM)**  
El ALFIM es una organización profesional para promover la física médica en América Latina y el Caribe, fomentando la educación continua, la investigación y la colaboración profesional.

17	280+	6	5
Países Miembros	Integrantes red de WhatsApp	Grupos de trabajo	Convenios



## Inside ALFIM

ALFIM has also actively incorporated the perspective of gender equity, promoting the participation of women in medical physics and fostering conditions that guarantee equal opportunities in the region. Furthermore, its work is sustained by extensive international collaboration, serving as an interaction platform with experts from organizations such as PAHO, the IAEA, and other global reference institutions.

The integration of countries into ALFIM is developed through an association model based on the representation of national medical physics societies, which allows it to function as a professional and scientific organization with regional scope. Each member country participates through its national association—such as SAFIM in Argentina or ABFM in Brazil—which acts as the official representative and communication channel within the General Assembly, the body where fundamental decisions are made, and the Executive Council is elected. Currently, ALFIM is comprised of 17 countries in Latin America and the Caribbean.

Its organizational structure is composed of an Executive Council integrated by professionals from different countries, elected to fill leadership positions such as the Presidency, Vice Presidency, and Secretary, which ensures management with a regional perspective. This is complemented by the Governing Board (or Steering Committee), where each national society designates a primary and an alternate representative to participate actively in the planning and execution of the association's activities

Regional integration is strengthened through joint events and projects. The Latin American Congresses of Medical Physics, which rotate among member countries, mobilize local communities and consolidate ties between institutions. Similarly, the working groups bring together medical physicists from different countries to develop initiatives in areas such as education, radiological protection, or dose optimization, promoting technical collaboration and the exchange of experiences among nations with different levels of development

The COVID-19 pandemic acted as a catalyst for ALFIM's digital transformation, driving the migration of its educational offerings to virtual platforms. This shift significantly broadened access to seminars, workshops, and continuous training programs, consolidating a more inclusive, flexible, and sustainable training model for the region.



## Discovery ALFIM from within

The adoption of virtual activities during the pandemic enabled the massification and democratization of access to medical physics training in the region. Webinars eliminated the geographical and economic barriers inherent in in-person events, expanding ALFIM's reach and allowing professionals from the 17 member countries and beyond, to participate in real time and asynchronously. The reduction in travel and accommodation costs made training more accessible, while the flexible scheduling allowed participants to integrate it into their clinical and academic responsibilities.

This process spurred the development of a permanent model for virtual continuing education. With the launch of the ALFIM Virtual Seminar Series, distance learning became a cornerstone of the institution.

Virtual platforms also strengthened international collaboration, facilitating the organization of joint activities such as the IOMP–ALFIM webinars and enabling the participation of world-renowned experts. Furthermore, the educational offerings diversified with advanced technical courses, including specialized programs such as Radiation Training and Education in Tomography.

The impact on the Latin American medical physics community was significant. The webinars contributed to regional cohesion and the exchange of experiences on common challenges, such as the recognition of medical physicists within the healthcare team. These platforms also showcased the association's strategic projects, including dose-optimization initiatives in diagnostic studies.

Overall, the pandemic transformed webinars from a temporary emergency measure into ALFIM's primary model for continuing education, strengthening professional integration and raising academic standards in Latin America.



### ALFIM

La Asociación Latinoamericana de Física Médica (ALFIM) fue constituida el 18 de julio de 1984 a las 17:00 horas en la 26 Reunión de la American Association of Medical Physics y la 1er. Reunión Interamericana de Física Médica (Estados Unidos, Canadá, Latinoamérica y el Caribe).

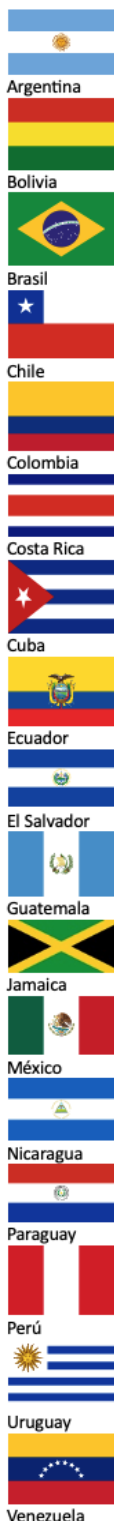
#### ENLACES ÚTILES

INICIO  
CURSOS  
CONGRESOS  
NOTICIAS Y EVENTOS  
RECURSOS  
PUBLICACIONES  
SOBRE ALFIM

#### INFORMACIÓN

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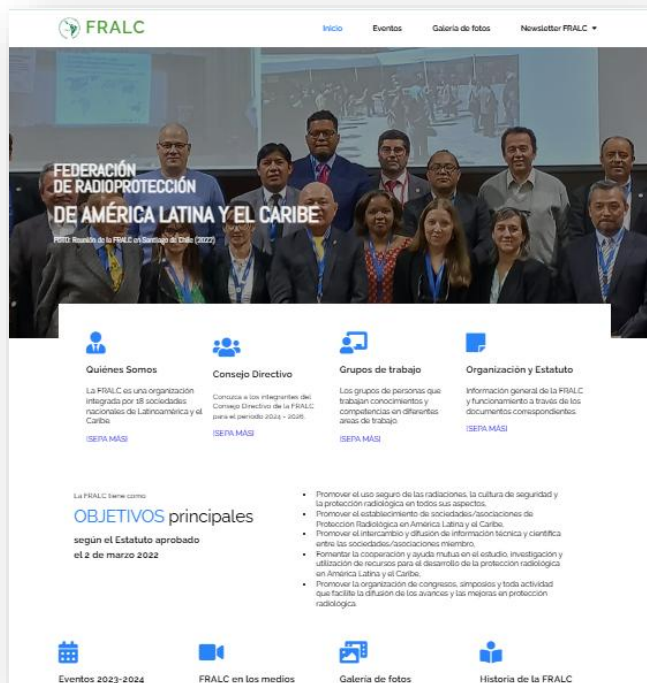
## Getting to Know FRALC

The Latin American and Caribbean Federation of Radiation Protection (FRALC) is a regional organization that brings together 18 radiation protection societies and maintains active collaboration with organizations such as the IAEA, PAHO, and IRPA. Its work focuses on promoting radiological safety, fostering a culture of protection, and disseminating scientific knowledge in the region.

Among its initiatives, the establishment of Radiation Protection Day (April 15) stands out. This observance has been in place since 2006 and has been adopted by all countries in the region. FRALC also promotes the formation of new national associations, thereby strengthening Latin American integration in radiation protection.

In May 2025, FRALC, together with SEPR and SPPCR, formally established the Ibero-American Network of Radiation Protection Societies and Associations (RIAPRA) to consolidate Ibero-American cooperation in this field.

Within the framework of these alliances, on November 3, 2025, a meeting was held between the presidents of ALFIM and FRALC to advance the implementation of the ALFIM-FRALC Collaboration Agreement, signed in March 2025. This agreement aims to develop joint outreach activities.



## Did you know...

### 9th Congress of the Mexican Federation of Medical Physics Organizations

The 9th Congress of the Mexican Federation of Medical Physics Organizations was held from November 14 to 17, 2025, in Mérida, Yucatán. This meeting brought together specialists, researchers, and professionals committed to advancing Medical Physics across Radiotherapy, Diagnostic Radiology, Nuclear Medicine, and Radiation Protection. The main objective was to share knowledge, experiences, and new perspectives that strengthen the discipline and promote continuous improvement for the benefit of patients and the scientific community.

The academic program included 9 keynote lectures, 18 plenary presentations, and the presentation of 39 contributed papers, with participation from more than 170 professionals in the field. Invited speakers included Carlos A. Caballero, MS, DABR; Luis Fong de los Santos, PhD; Mercedes Rodríguez Villafuerte, PhD; Flor Peregrina Herrera, MSc; Gerardo Rodríguez Aranda, MSc; and Alfredo de los Reyes Castelo, PhD.



Photograph 1. From right to left: Juan Carlos Cruz Rodríguez, MSc in Medical Physics; Anayeli E. Bustamante, MSc in Medical Physics; Christian Estrada Hernández, MSc; Keila Isaac Olivé, PhD; Enrique Adrián de Atocha Martín Tovar, PhD; and José Ángel Méndez Gamboa, PhD.

## Did you know...

The Federation expresses its deep gratitude to all the speakers who participated in the program, both those mentioned in this text and those who also enriched the congress with valuable presentations. Their dedication and contributions were fundamental to the success of the event.

Likewise, sincere thanks are extended to all attendees, whose interest, commitment, and active participation strengthen each edition of this congress and continue to drive the growth of Medical Physics in Mexico.

Finally, we would like to inform you that the complete congress material (support resources) is available for consultation on the official website of the Mexican Federation of Medical Physics Organizations: <https://fmofm.org.mx/>



Photo 2. Participants at the IX FMOFM Congress, held from November 14 to 17, 2025, in Mérida, Yucatán, Mexico.





## Did you know



The Balseiro Institute and the Intecnus Foundation announced the opening of registration for the Specialization in Clinical Medical Physics, beginning in February 2026. This program is aimed at physics or engineering professionals who already have prior training in Medical Physics. For more information: [Comunicación y Prensa | Instituto Balseiro](#)



The V Chilean Congress of Medical Physics was held from November 20 to 22, 2025, in person at the Pucón Green Park Hotel located in the municipality of Pucón, IX Region of Araucanía.

The event featured interesting plenary talks on the main areas of medical physics (radiotherapy, nuclear medicine, diagnostic imaging, and radiation protection), with prominent national and international professionals, as well as oral and poster presentations open to those who wished to present their research work developed in their clinical centers or universities.

## Did you know...?

### Congreso sobre Avances Integrados en Oncología, Radiocirugía y Física Médica: Innovación y Precisión en el tratamiento del cáncer

5 DE NOVIEMBRE DE 2025

The Argentine participation in the SABI (Argentine Society of Biology and Engineering) Congress has concluded, where advances in the interaction of radiation with matter and new personalized immobilization methods for cancer patients were presented. For more information: [Congress on Integrated Advances in Oncology, Radiosurgery and Medical Physics: Innovation and Precision in Cancer Treatment – SAFIM – Argentine Society of Medical Physics.](#)



From October 1st to 4th, 2025, the 29th Brazilian Congress of Medical Physics took place. The event was organized by the Brazilian Association of Medical Physics (ABFM). This event is considered the largest medical physics event in Brazil.

The Congress gathered specialists, researchers and professionals to discuss innovations and advances in the area, and for participants to acquire new knowledge and interact with their peers.

This year, the Congress was held in the city of São Paulo, at the Rebouças Convention Center, which is part of the Hospital das Clínicas (HC) and Faculdade de Medicina da Universidade de São Paulo (FMUSP).

For more information: [29th Brazilian Congress of Medical Physics](#)



## Did you know...?

### III COLOMBIAN CONGRESS OF MEDICAL PHYSICS, CALI COLOMBIA 2025

“Beyond Limits: Technology and Innovation”

On November 7th and 8th, 2025, the Colombian Congress of Medical Physics was held in the city of Cali, Colombia, organized by the Colombian Association of Medical Physics (ACOFIMED) at the Intercontinental Hotel. The event gathered more than 330 attendees and over 40 national and international exhibitors, who shared advances, clinical experiences, and innovative perspectives in the areas of Radiotherapy, Diagnostic Imaging, Nuclear Medicine, and Radiation Protection.

The program included six pre-congress courses, four keynote lectures, more than 60 scientific presentations, oral and poster sessions, as well as opportunities for interaction with sponsors and networking activities. The opening ceremony, held as part of the commemoration of International Medical Physics Day, highlighted the slogan “Beyond Limits: Technology and Innovation” and called for a coordinated effort to strengthen the development of medical physics in Colombia. The congress concluded with an awards ceremony for the best scientific works, a tribute to the host city, and special recognition for the organizing committee. ACOFIMED thanked its sponsors, logistical partners, and ALFIM for their support, whose collaboration was key to the dissemination and success of the event.





# Newsletter: December 2025



## From the Americas and the World



*The International Symposium on Monitoring Radiation Exposure in Medical Imaging, which will take place from June 11 to 13, 2026, in Sofia, the capital of Bulgaria. For more information: <https://rem2026.roentgen-bg.org>*

If you want it **more formal** or **more promotional** (e.g., for a slide, brochure, or institutional announcement), I can adjust the wording accordingly.



*The European Congress of Medical Physics is a biennial event that rotates among different European countries and aims primarily to advance and disseminate technology and knowledge in medical physics, as well as to promote the profession in Europe and worldwide.*


*ECMP2026 will bring together a broad community of medical physicists and healthcare professionals from academic, clinical, industrial, research, and patient advocacy sectors. The scientific chairs of ECMP2026, João Seco and José Pérez Catalayud, together with a dynamic community of young professionals, are designing a comprehensive and forward-looking scientific program.*


*ECMP2026 will be organized by the Spanish Society of Medical Physics (SEFM) and its current president, Maruxa Pérez Fernández, in Valencia. Information on registration and abstract submission (the abstract submission period is not yet open) is available at: <https://ecmp2026.efomp.org/>*


# Newsletter: December 2025



## ✓ Training resources and materials:

IAEA Online training course: Tutorial videos for Quality Control tests on PET/CT scanners [SEARCH HERE](#) 

IAEA Online training course: Training courses for radiation metrologists: Radiation protection calibrations at SSDs [SEARCH HERE](#) 


IAEA Online training course: Nuclear Medicine Physics on-line seminars [SEARCH HERE](#) 

EFOMP e-Learning for Education in Medical physics and New Technologies (e-LEMENT) [SEARCH HERE](#) 

AAPM Online Learning Center [SEARCH HERE](#) 

## ✓ Articles, books and documents of interest:

AAPM Virtual Library [SEARCH HERE](#) 

A validation protocol for  $^{177}\text{Lu}$ -SPECT image quantification as a basis for multi-centre kidney dosimetry  [DOWNLOAD HERE](#)

3D printed non-uniform anthropomorphic phantoms for quantitative SPECT  [DOWNLOAD HERE](#)

MIRD Pamphlet No. 33: MIRDpvc—A Software Tool for Recovery Coefficient–Based Partial-Volume Correction  [DOWNLOAD HERE](#)





# Newsletter: December 2025



## ✓ Articles, Books, and Documents of Interest

Dose Management Systems From Setting up to Quality Assurance.



[DOWNLOAD HERE](#)

Implementation of generic and individual justification: Findings from a survey under the IAEA technical cooperation programme in Europe and Central Asia.



[DOWNLOAD HERE](#)

Sources, effects and risks of ionizing radiation UNSCEAR 2024 Report, Volume I.



[DOWNLOAD HERE](#)

## ALFIM Social Media

Please visit our website.

<https://www.alfim.info/>



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81

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