



Learn & Improve Professional Skills (LIPS) Track – Session 2

Radiation Protection + Physics Committee and European Federation of Organisations for Medical Physics (EFOMP)

Sunday, September 10, 09:45 – 11:15

Session Title

Careers in Radiation Protection

Chairpersons

Elena Prieto (Pamplona, Spain)

John Dickson (London, UK)

Programme

09:45 – 10:15 **Ernesto Amato** (Messina, Italy): The current status of the medical physicist profession in Europe

10:15 – 10:45 **Dimitris Visvikis** (Brest, France): Requirements for the medical physicist training in Europe

10:45 – 11:15 **Jenia Vassileva** (Vienna, Austria): Building and maintaining competence in radiation protection of nuclear medicine professionals

Educational Objectives

1. Describe the current status of the medical physicist profession in Europe, including its scope, role, and responsibilities in healthcare.
2. Understand the regulatory frameworks and standards that govern the practice of medical physics and radiation protection in Europe.
3. Discuss the challenges and opportunities facing the medical physicist profession in Europe, and the potential solutions and strategies for overcoming these challenges, including the new core curriculum for medical physicists in nuclear medicine
4. Acknowledge the competencies in radiation protection of the other professionals working in the field of nuclear medicine

Summary

This session will cover the current state of the medical physicist profession in Europe, with an emphasis on its scope, role, and responsibilities, in particular in Nuclear Medicine. The regulatory frameworks and standards that govern the practice of medical physics and radiation protection in Europe will be discussed, highlighting the importance of complying with these regulations to ensure patient safety and quality care. The challenges and opportunities facing the medical physicist profession will be analyzed, such as the shortage of qualified professionals and the need for ongoing training and professional development. The speakers will address potential solutions and strategies for overcoming the challenges, including increasing awareness of the profession, promoting collaboration among stakeholders, and investing in education and training programs. The development of a new core curriculum for medical physicists in nuclear medicine will be described, and the importance of radiation protection competencies among (other) professionals working in nuclear medicine will be emphasized.

Key Words

Radiation Protection, medical physicist, training, core curriculum, regulatory framework