

Pianoforte Early Career Research Travel

Report of attendance

IRPA 16 Congress. Orlando 7-12 July

Begoña Pérez López

International Radiological Protection Association (IRPA) is an international association of individual radiation protection practitioners joining through national or regional societies. Its members cover fields of radiation protection, including practitioners in medical, nuclear and other industry sectors, regulators, government advisers and researchers.

IRPA Congress is international congress in radiological protection to contribute to the above aims. People from many countries show their scientific and technological works. IRPA 16 gives Sievert Award to Maria del Rosario Pérez.

There were different topics:

1. Underpinning science
2. The systems of protection for ionizing and non-ionizing radiation
3. Communication, stakeholder involvement, education and training
4. Dosimetry and measurements
5. Radiation protection in healthcare
6. Radiation protection in nuclear power and fuel cycle industries
7. Radiation protection in practices
8. Radiation protection in Non- Ionizing Radiation (NIR) applications
9. Nuclear and radiological emergencies
10. Radioactive waste management in nuclear, medical and industrial facilities
11. Radon and naturally occurring radiation

I presented my work about *In vivo methods to monitor the population in case of radiological or nuclear emergency*. It was in the session: Nuclear and radiological emergencies- Recent Development of Dose Assessment for Emergencies and Future Population Monitoring.

Much importance was given to young people, holding specific meetings to create work networks among them.

Furthermore, there were three poster sessions with a wide variety related with the topics described before, about scientific and technic in radiation protection in various fields, in regulatory aspects, recommendations, safety culture...

Participating in this congress was an extraordinary and enriched experience, creating the chance of generating networks for future collaborations between scientists and organizations.

This partnership has received funding from the European Union's "EURATOM" research and innovation program under the 101061037 grant agreement.