



SPANISH SOCIETY FOR
RADIOLOGICAL PROTECTION



International
Radiation
Protection
Association

EUROPEAN REGIONAL CONGRESS **IRPA 2022**

Málaga



In cooperation with



Société Française
de Radioprotection



Associazione Italiana
di Radioprotezione



Sociedade Portuguesa
de Proteção contra Radiações

About us

Malaga
Ciudad Genial

The **Spanish Society for Radiological Protection** is a non-profit scientific and technical professional association, founded in 1980, with more than 650 members. It is characterized by a high degree of multidisciplinary, including branches of knowledge such as basic sciences, medicine, engineering, technology, and legislation.

Its objective is to gather all the Spanish professionals from this field and offer a space for dialogue, information, and participation among members, society as a whole, and companies and institutions, public and private, related to the peaceful use of ionizing radiation.



More information: www.sepr.es



Experience in Organizing International Congresses

2001: **IAEA** International Conference on the Radiological Protection of Patients

2004: **IRPA** 11th International Congress

2017: **CIPRaM**. Ibero-American Conference on Radiological Protection in Medicine





The Trade Fairs and Congress Center of Málaga –Fycma– has been conceived as a strategic place for business with the vocation to become a leading referral center for conventions and fair activities in the national and international arena, currently leading the conventions business among countries in the Mediterranean basin.

Fycma is sited 5 minutes away from Pablo Ruiz Picasso Málaga international airport, to just a few minutes of historic down town area of Málaga, is the perfect space for celebration and organization of any kind of event.

It is a functionally designed, contemporary building of 60,000 m², uniting the Málaga tradition with the avant-garde style of the 21st century. It has an exhibition area of 17,000 m² distributed in two pavilions, two auditoriums, two conference halls, an exhibition hall, fifteen multi-purpose meeting rooms, three catering areas and a parking area with a capacity for 1,200 vehicles. These installations can accommodate more than 20,000 visitors.

More information:

www.fycma.com/en/index.html



Málaga is one of the oldest cities in Europe and capital of the Costa del Sol. It is one of the most important tourist destinations of Spain and its streets are a combination of what is traditional and modern. Málaga is an open and dynamic metropolis that offers its visitor a privileged place for leisure, business, culture and sport. Historical Málaga is home to diverse and characteristic corners, such as the Roman theatre, the Castle of Gibralfaro and the Alcazaba Fortress. In addition there are significant museums in the city, which give it a unique cultural environment.

Visitors are able to enjoy collections exhibited in nearby places and with easy access: in the Center for Contemporary Art (CAC), one of the most important collections of modern art in the country, the Carmen Thyssen Museum of Malaga, the Fine Arts Museum, the Museum of Municipal Heritage, (MUPAM), the Museum of Popular Arts, and the Museum of the Brotherhood, among others. Nor must we forget the Picasso Museum of Malaga and the Foundation Picasso-Museum and Birthplace where the Malaga painter finds his greatest representation.

At the same time, the Port of Málaga has become the second port for Tourist Cruises of the Iberian Peninsula. Some of the most important cruise lines in the world and some of the most emblematic cruisers, like the Queen Mary II, have called in on visits. This boosts Málaga as a cultural city for both cruisers and business destinations, and it completes its offer with the tourism of sun and beach.

A sunset walk through Pier 1 to the street lamp. With shops, restaurants and drinking area.

A tour through the old streets of the city, Chinitas promenade, not forgetting a stop at the Plaza del Obispo, the Sagrario Cathedral and the Plaza de los Naranjos

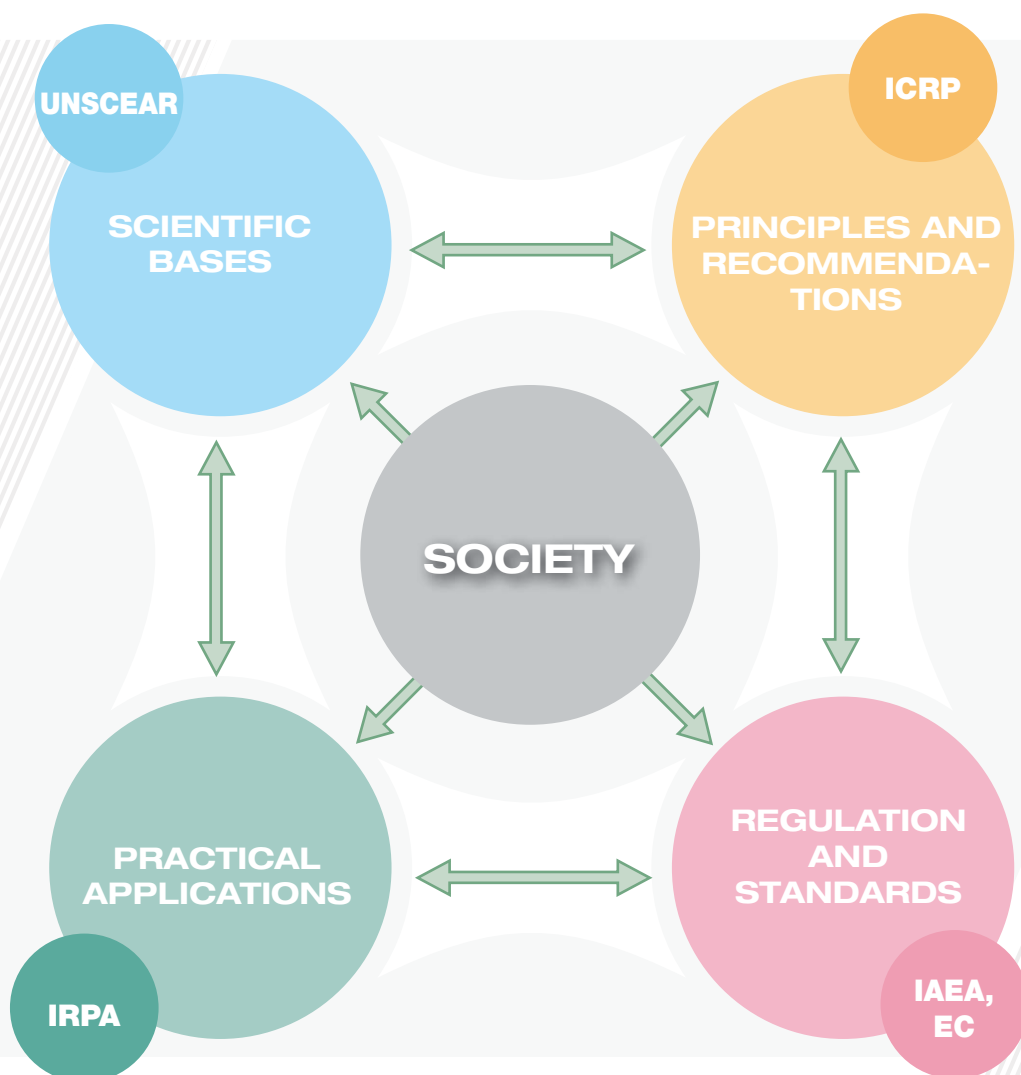
Visit the Alcazaba and the castle of Gibralfaro



Radiological Protection is organised around four fundamental pillars: **Basic Science, Radiation Applications and Practices, Principles and Recommendations**, and **Regulation and Development of Standards** for its safe use.

Each pillar has international reference organizations, with IRPA being recognised as “the international voice of the radiation protection profession in the enhancement of radiation protection culture and practice worldwide”.

These four pillars, along with the **Interaction with society**, which is central to all, will comprise the main themes of the Scientific Programme of the Congress.



UNSCEAR. United Nations Scientific Committee on the Effects of Atomic Radiation.

ICRP. International Commission on Radiological Protection.

IRPA. International Radiation Protection Association.

IAEA. International Atomic Energy Agency.

EC. European Commission.

The main themes of the Scientific Programme will be developed in several Main Topic Areas, with sub-topics as necessary. The table below presents a first proposal.

RP PILLARS	Main Topic Areas
I. SCIENTIFIC BASES	I.1 Biological effects of radiation exposure
	I.2 Epidemiology of the effects of radiation
	I.3 Characterization of radiation exposures: instrumentation, dosimetry (external, internal, biological)
II. PRINCIPLES AND RECOMMENDATIONS	II.1 Radiological protection framework: planned exposures
	II.2 Radiological protection framework: existing exposures
	II.3 Radiological protection framework: emergency situations
	II.4 Radiological protection for the public and the environment
III. REGULATIONS AND STANDARDS	III.1 Radiological protection policies, criteria, methods, and culture
	III.2 Implementation of Basic Standards: balance
	III.3 Education and training: RP expert – European alignment
IV. RADIOLOGICAL PROTECTION IN PRACTICE	IV.1 Nuclear facilities (workers, public, environment)
	IV.2 Medicine (patients, workers, public)
	IV.3 Non-Ionizing Radiation (workers, public)
	IV.4 Industries with natural radioactivity (NORM) (workers, public)
	IV.5 Protection from radon gas (workplaces, housing)
	IV.6 Other radiation practices (workers, public, environment)
V. INTERACTION WITH SOCIETY	V.1 Social participation in RP: tools and procedures
	V.2 Communication and perception of radiological risk

The Congress Motto: “Protecting for the future”

The Congress motto could be extended as:

“Protecting from harmful effects of radiation today, looking **for the future** application of radiation by next generations of RP professionals”

By fostering Radiation Protection Culture, ALARA, Stakeholder Engagement, Communication, Education and Training,... IRPA strives today for the best Radiation Protection practice.

No doubt, this is one of the essential foundations of sustainable use of radiation tomorrow.

To see a shining future, we need to engage and raise our young generation of RP professionals.

This Congress will be a clear opportunity for engaging with the **Young Generation** not to miss!

Young Professionals Engagement

In line with the congress motto “Protecting for the future”, this candidature aims to **foster the young generation of radiation protection professionals** (YP) through:

- Participation of **YP in the Scientific and Organising Committees**, a great opportunity to work together with more senior people, learning but also bringing new innovative ideas to the Congress.
- YP special inscription fees (200 € only).
- YP **competition and awards**.
- YP **social activities**, promoting the interaction and cooperation between different Youth Clubs.
- **Public engagement**, giving talks on Radiation Protection to university students or general public in the city of Málaga.
- Investment in **new communication technologies** such as webinars or streaming.



Projection:

600 participants and 25 stands

Basic fee of 400€ (50 % discount for young people)

Basic fee per Technical Exposition stand: 2.500 €

Expected sponsorship: in cash or in kind

	INCOME	EXPENSES
VENUE		80.800 €
TECHNICAL PROGRAM		30.000 €
SECRETARIAT AND PUBLICATIONS		80.000 €
TECHNICAL EXHIBITION		57.500 €
SOCIAL PROGRAM		55.600 €
NEW COMMUNICATION TECHNOLOGIES		20.000 €
OTHER COSTS		4.100 €
PARTICIPANT FEES	200.000 €	
TECHNICAL EXHIBITION	62.500 €	
SPONSORSHIPS	65.500 €	
TOTAL	328.000 €	328.000€



For the organization of this Congress, the Spanish Radiological Protection Society has the support of the main Spanish entities related with the Radiation Protection:

INSTITUTION



- Consejo de Seguridad Nuclear



- Ministerio de Sanidad, Servicios Sociales e Igualdad



- Ministerio de Energía, Turismo y Agenda Digital



- CIEMAT



- Enresa



- National Dosimetry Center



- Junta de Andalucía



Ayuntamiento de Málaga

- Mayor of Malaga



- Malaga University



- Málaga Medical Doctors Association



- Electric Utility ENDESA



IBERDROLA

- Energy Utility IBERDROLA



- Nuclear Fuel Supplier ENUSA



- Services Company TECNATOM



- Association of Nuclear Industry FORO NUCLEAR





