

17th INTERNATIONAL CONGRESS

“Ensuring Radiation Protection for the future”

Valencia, Spain

IRPA 2028

In cooperation with



Société Française
de Radioprotection



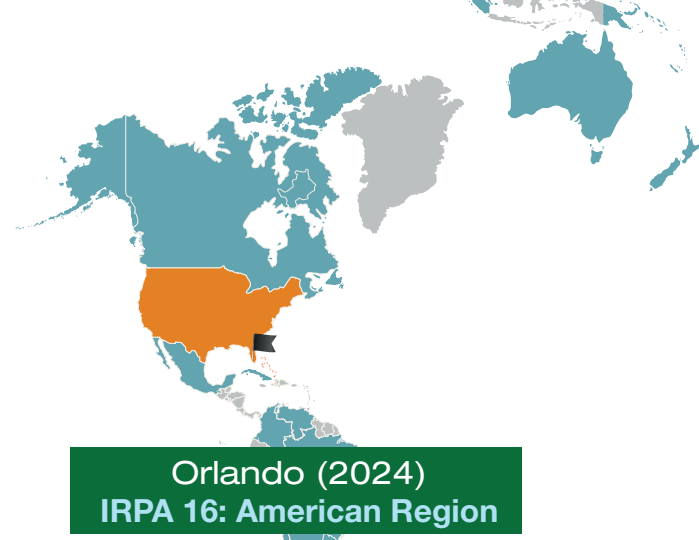
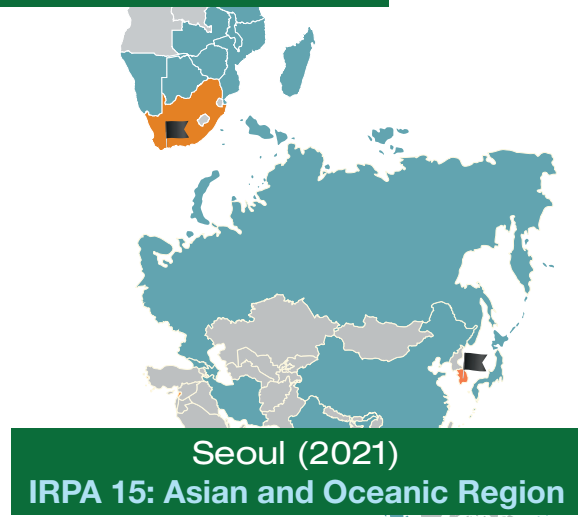
Associazione Italiana
di Radioprotezione



Fachverband für
Strahlenschutz e.V.



Sociedade Portuguesa de
Proteção contra Radiações



Next to come?





Dear IRPA members,

On behalf of the Spanish Society for Radiological Protection (SEPR), in cooperation with the French Society (SFRP), the Italian Society (AIRP), the German-Swiss Society (FS) and the Portuguese Society (SPPCR), we are very proud to present this proposal to host the 17th IRPA Congress in 2028, in Valencia, Spain. As you will discover in the following pages, we have an outstanding project.

The chosen city, Valencia, offers a perfect setting for such an important event. Located on the Mediterranean coast, it is a large, modern, cosmopolitan city. It is a well-connected hub, making travel to the city very easy. Furthermore, Valencia is renowned for its arts and science culture, its commitment to accessibility and environment, as well as its Mediterranean lifestyle and cuisine.

The venue for the Congress would be the Valencia Conference Centre, a top-class convention centre, capable of fulfilling all the needs of a Congress of this magnitude, surrounded by a first-rate hotel infrastructure.

And we are certainly prepared for the challenge. We are a well-established, sizeable society with extensive experience in organizing large events of these characteristics, and, in addition, we have the collaboration of four major societies. Most importantly, we are focused on fostering the young generations of radiation protection professionals. Consequently, the proposed Congress motto is:

ENSURING RADIATION PROTECTION FOR THE FUTURE

It has been a long journey since the IRPA International Congresses left Europe. After traveling all around the world, it is now time to have it back. It is time for it to come to Valencia.

See you in Valencia!

Dr. Ricardo Torres,
President SEPR

Ensuring Radiation Protection for the future



To **ensure radiation protection for the future**, taken as a motto, the Congress project is inspired by **two key ideas**:



- 1 By fostering Radiation Protection Culture**, IRPA guarantees the sustainable use of radiation tomorrow.
- 2 In addition, and 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!

✓ It is also our main aim to procure **affordable economic conditions**, specially for young professionals, and differential fees for countries in accordance with the IRPA policy.

In order to reach as many RP professionals as possible, we propose a **hybrid congress**:

- ☐ Most sessions will be face-to-face in Valencia.
- ☐ Some plenary sessions will also be held online.
- ☐ Investment in **new communication technologies** such as webinars or streaming.



Valencia is the third largest city of Spain, with almost 1,500,000 inhabitants. It is situated at the coast of the **Mediterranean Sea**, benefiting from a mild climate with temperatures that in May range from **15 to 23°C**. It is the origin of the famous *Paella* and other **excellent food**.

Valencia is a vibrant, **modern city**, famous for the **City of Arts and Sciences**, with futuristic structures and an interactive museum. In addition, not to miss either the **historical city center** or the **Turia gardens**, with more than 9 km in length, ideal for walking, running, cycling, families and nature lovers, crowned by 18 bridges that are the mark of centuries of history. Valencia has also several **beaches**, including some within the nearby **Parque de la Albufera**, a wetland reserve with a lake and trails.



A "paella" in the city beach



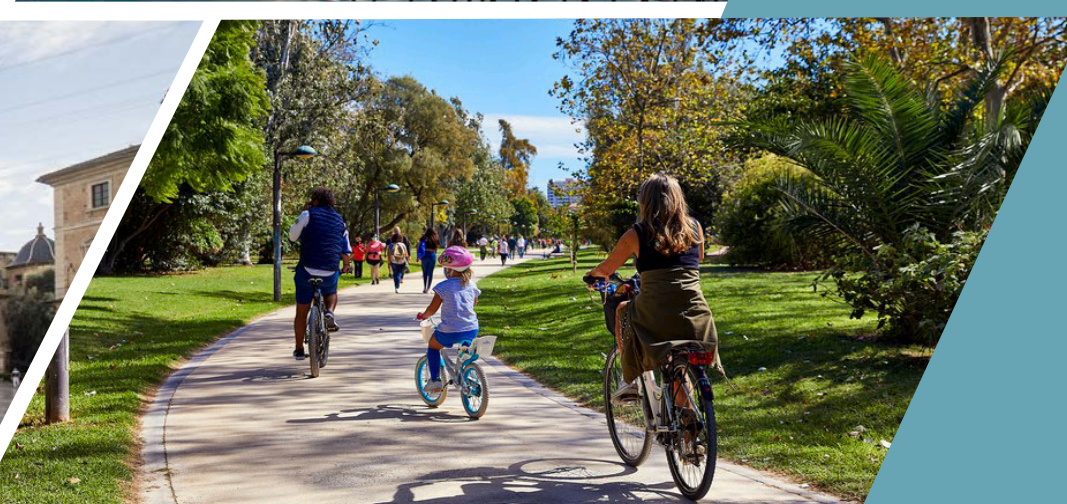
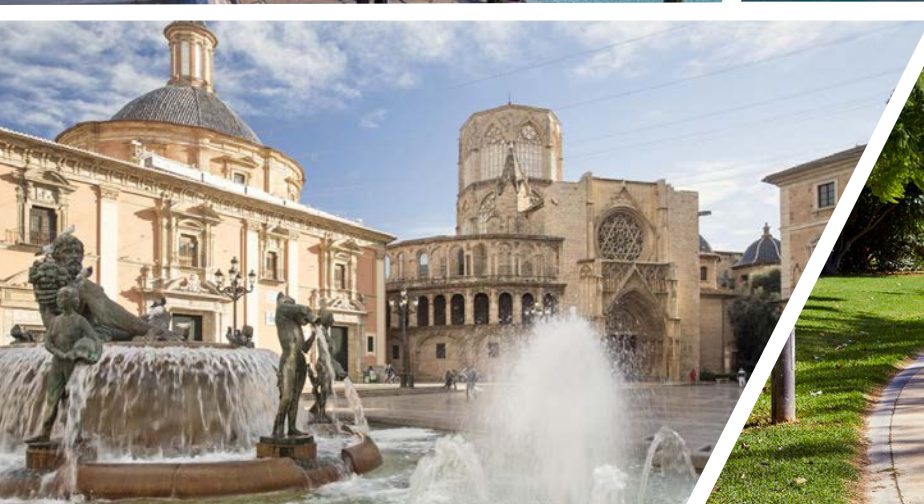
✓ Direct connections with around 90 international destinations by plane. The airport is only at 10 minutes drive from the city.



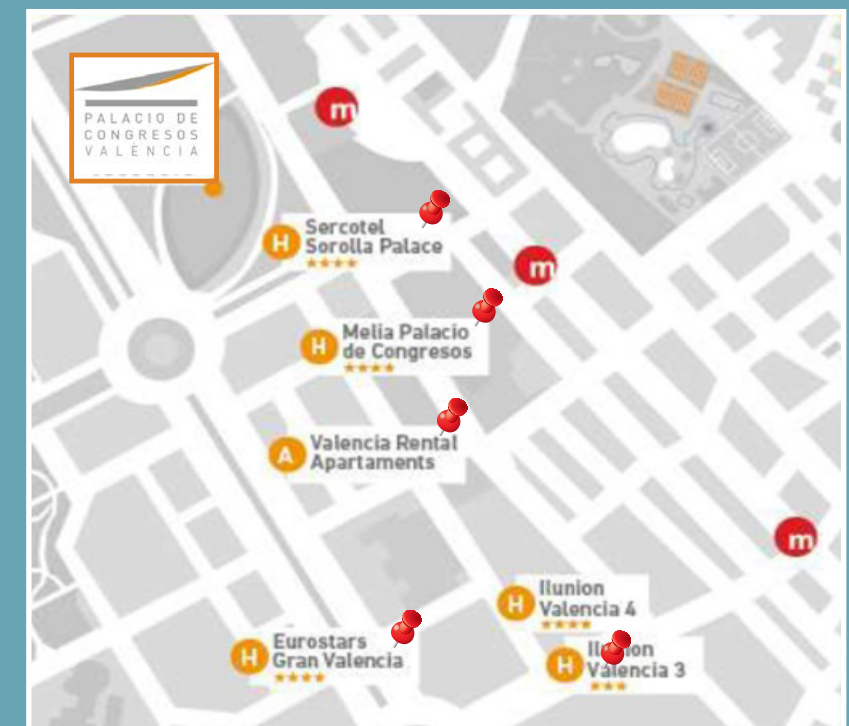
✓ 90 minutes away from Madrid by high-speed train.



There are over 1,000 hotel rooms at walking distance from the venue, with prices for **all budgets**.



Excellent offer in 3, 4 & 5* International hotel chains in the city: **Meliá, NH, Westin, Marriott**

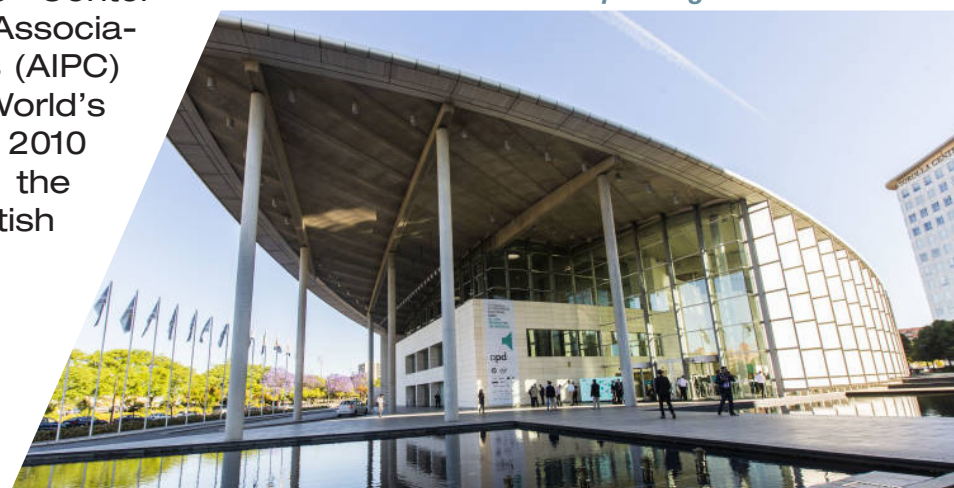


The Valencia Conference Center holds several meeting rooms and auditoriums with capacities for up to 1,481 seats of the main auditorium and a total exhibition space available of 2,290 m². Several nearby hotels complement the Conference Centre facilities.

The Valencia Conference Center holds two International Association of Convention Centres (AIPC) **awards of excellence** as World's Best Convention Centre in 2010 and 2018. It was built by the studio of the famous British architect Norman Foster.



More information at www.palcongres-vlc.com



A FLAGSHIP BUILDING

DESIGNED BY THE ARCHITECT NORMAN FOSTER

2,900
EVENT HELD

+ 2 MILLION
VISITORS

**AVANT GARDE
TECHNOLOGY**



AN EXCELLENT LOCATION FOR A UNIQUE EVENT

SEVEN MINUTES
FROM THE AIRPORT
AND **EIGHT MINUTES**
FROM THE CITY
CENTER

OVER 1.000
HOTEL ROOMS
WITHIN
WALKING DISTANCE

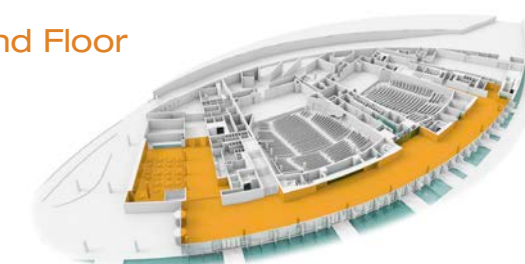
BUSINESS DISTRICT
WITH **RESTAURANTS**
AND **LEISURE**
ACTIVITIES

UNDERGROUND CAR
PARKING 600 SPACES
AND TWO OUTDOOR
PARKINGS OF
1,000 m² EACH

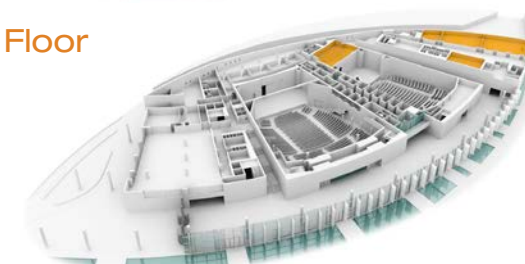
FACILITIES

- ✓ World's Best Convention Centre in 2010 & 2018
- ✓ 3 auditoriums (1,481; 500 & 280 pax. each)
- ✓ 9 break-out rooms
- ✓ 2 multipurpose rooms
- ✓ 2.500m² exhibition area
- ✓ Up to 21 additional meeting rooms at hotels
- ✓ WiFi for over 3,000 devices
- ✓ Latest generation projectors and sound systems

Ground Floor



First Floor

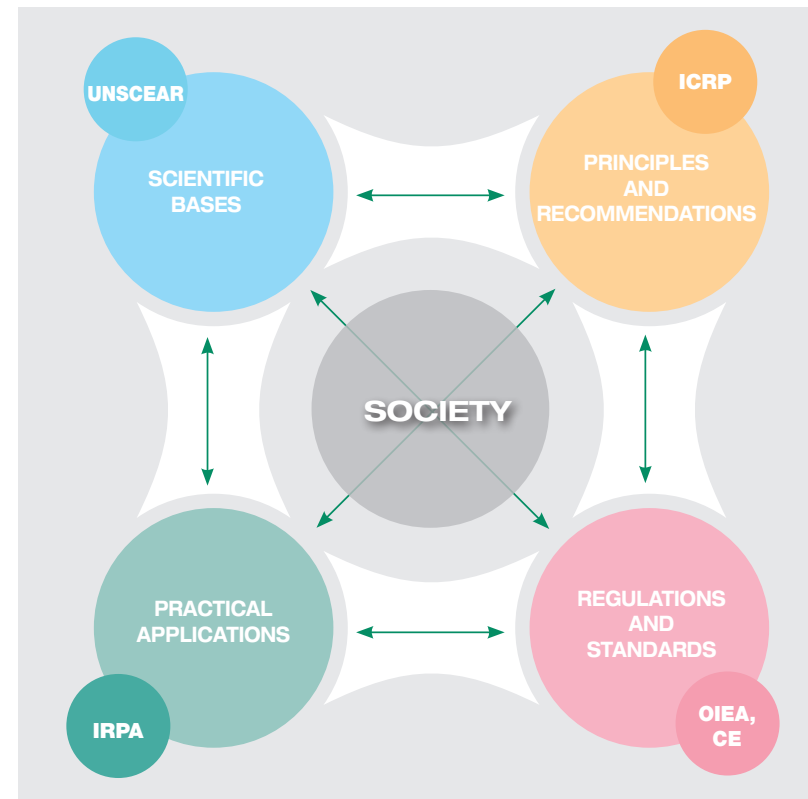


Second Floor



Radiological Protection is organised around four fundamental pillars for its safe use. Each one 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”.

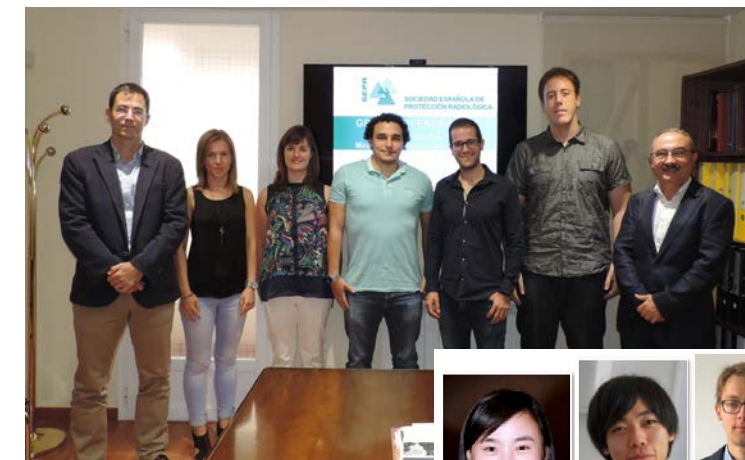
These four pillars, along with the interaction with society, which is central to all, will comprise the main themes of the **Scientific Programme** of the Congress.



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
IV. RADIOLOGICAL PROTECTION IN PRACTICE	IV.1 Nuclear facilities (workers, public, environment)
	IV.2 Medicine (patients, workers, public)
	IV.3 No-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 participación in RP: tools and procedures
	V.2 Communication and perception of radiological risk

In line with the congress motto, we aim 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.**
- ❑ **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 Valencia.



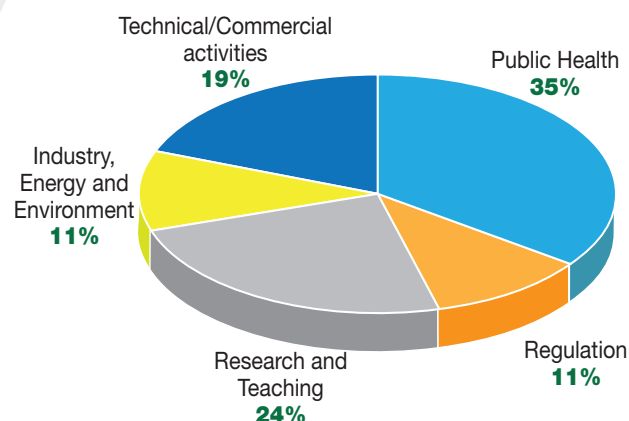
About the Spanish Society for Radiological Protection



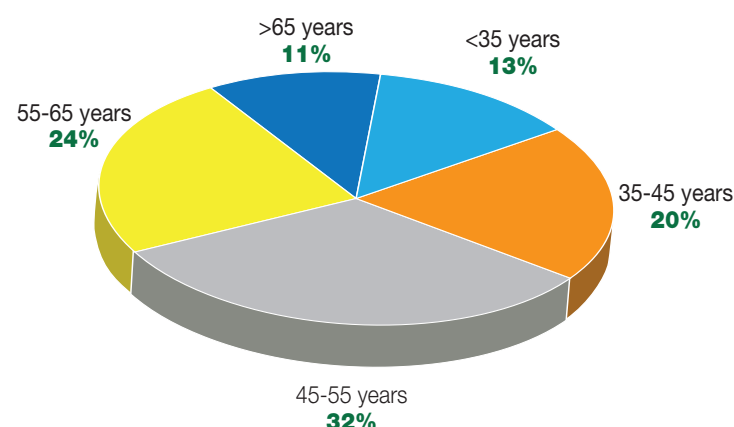
The **Spanish Society for Radiological Protection (SEPR)** is a non-profit scientific and technical professional association, founded in 1980, with more than 650 members.

It is characterized by a high degree of **multidisciplinary**, including branches of knowledge such as basic sciences, medicine, engineering, technology and legislation, which ensures its neutrality and independence.

DISTRIBUTION BY SECTOR



DISTRIBUTION BY AGE (YEARS)



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.

The **SEPR** is a very active society within IRPA, with participation in several IRPA Task Groups and Committees.

More information at www.sepr.es

SEPR experience in Organizing Congresses

- **16 Biennial national congresses**, starting in 1985.
- **Several topical meetings per year**
- **International congresses.**

1998, Barcelona: IV Western European Regional Congress.

2001, Málaga: IAEA International Conference on the Radiological Protection of Patients.

2004, Madrid: IRPA 11th International Congress.

2016, Madrid: CIPRaM. Ibero-American Conference on Radiological Protection in Medicine.



An active
IRPA
society



11th International Congress of the
International Radiation Protection Association



For the organization of this Congress, the Spanish Society for Radiological protection has the support of the main Spanish entities related with the Radiation Protection field, as well as of the local, regional and national authorities.

National, Regional and Local Authorities

- Spanish Nuclear Safety Council (CSN)
- Spanish Ministry of Health
- Spanish Ministry of Science and Innovation
- Spanish Ministry for Ecological Transition
- Valencian Government (GV)
- Valencia City Council
- Valencian Department of Universal and Public Health
- Valencian Security and Emergency Agency (SEM)

National public organizations

- National Radioactive Waste Company (ENRESA)
- Energy, Environmental and Technological Research Center (CIEMAT)
- National Dosimetry Center (CND)
- Nuclear Fuel Supplier (ENUSA)

Industrial partners

- Spanish Nuclear Industry Forum
- Cofrentes Nuclear Power Plant
- GD Energy Services (GDES)

Professional associations

- Spanish Society of Medical Physics (SEFM)
- Spanish Society of Medical Radiology (SERAM)
- Spanish Nuclear Society (SNE)
- Official College of Physicians (COFIS)
- Royal Spanish Society of Physics (RSEF)
- Valencian Society of RP and Medical Physics (SVPRF)

Universities

- Polytechnic University of Valencia (UPV)
- University of Valencia (UV)
- University of Valencia – Faculty of Physics



A UNIQUE CONFERENCE VENUE IN VALENCIA, A UNIQUE CITY

In summary:

- ✓ Stronger **cooperation** between IRPA societies.
- ✓ **Experience** in organizing large scientific congresses.
- ✓ Support to and integration of the **Young Generation**.
- ✓ **Affordable budget**, with differentiated fees structure.
- ✓ Venue with full capacity and **ideal facilities**.
- ✓ **Wonderful city** and region.



See you in Valencia!
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