

RADIATION PROTECTION FOR EVERYONE



# 6th European Congress on Radiation Protection

FIRST ANNOUNCEMENT



**REPS-HPS**  
Hungarian IRPA AS

**30 May – 3 June 2022**  
Budapest, Hungary  
Budapest Congress Centre

# CONGRESS OVERVIEW

## Congress

6th European Congress on Radiation Protection

## Date

30 May (Mon) – 3 June (Fri) 2022

## Venue

Budapest Congress Centre, Budapest, Hungary  
[www.bcc.hu](http://www.bcc.hu)

## Official language

English

## Expected Participants

600 international participants

## Website

[www.irpa2022.eu](http://www.irpa2022.eu)

## IMPORTANT DATES

### 2021

Registration and abstract submission opens: May

*Form of congress will be announced as well.*

Abstract submission deadline (oral and poster): 10 September

Abstract acceptance notification deadline: 31 December

### 2022

Early registration and payment deadline: 15 February

Standard registration and payment deadline: 1 May

On-site registration: 2 May

Full papers submission deadline: 1 May

Full papers publication: 31 December

IRPA 2022 Congress: 30 May – 3 June

# INVITATION

Dear Delegates, dear Colleagues,

On behalf of the Hungarian IRPA AS it is my great pleasure to invite you to attend **6th European IRPA regional congress of the International Radiation Protection Association**. The congress will be held in Hungary, in the picturesque city of Budapest from **30 May to 3 June 2022**.

The venue, Budapest Congress Center is one of Budapest's largest conference centres. It will be a great moment bringing together all medical, scientific and industrial radiation protection professionals.

With the theme "**Radiation Protection for Everyone**" the congress aims to draw attention to the fact that radiation protection no longer concerns only a small community but affects everyone. We intend to host a congress where doctors, researchers, industrial, environmental and authorised professionals can exchange views on current scientific issues and through this process radiation protection advances in many parts of the world. We hope our congress will contribute to this.

At this event several traditional plenary and parallel sessions, a poster section and refresher courses offer the opportunity to present latest scientific advancements in radiation protection. In addition to traditional topics, we also added new scientific areas to the program, such as non-ionizing radiation protection. The congress issues a special invitation and encouragement to younger scientists and professionals to attend as delegates and participate young scientists' competition. Beside these further sessions will be organized, such as "Relax and learn", "Art and fun", "Clever ideas" and the inevitably important technical site visits.

Please help us to spread the word about congress by using your network to increase the interest about the forthcoming IRPA event.

The Hungarian IRPA AS is proud to host the 6th European IRPA in Hungary and to organise a warm welcome for all delegates. We are sure to offer you all a fantastic and unforgettable congress and stay in Budapest and are looking forward to seeing you all.



**János Petrányi**

European IRPA 2022 President



# INTRODUCTION OF THE HUNGARIAN IRPA AS

Hungarian IRPA AS, the Health Physics Section of the Roland Eötvös Physical Society (REPS-HPS), Hungary was founded in March 1962.

## IRPA MEMBERSHIP

Our section was one of the societies that founded IRPA at the first IRPA Congress, which was held in Rome from 5-10 September 1966 with the participation of 15 societies representing 20 countries. Professor L. Bozóky, the president of the Hungarian Health Physics Section became one of the six members of the first IRPA Executive Council.

The Health Physics section founded a prize, named after László Bozóky for those who achieved paramount results in the fields of radiation physics or environmental sciences.

## INTERNATIONAL MEETINGS

The IRPA Second European Congress on Radiation Protection was the next, entirely international meeting organized by the section in Budapest in the period of 3–5 May 1972. The congress was dedicated to health physics problems of internal contamination. The total number of participants was 325 from 25 countries including representatives from the IAEA and ICRP. In September 1980 the International Workshop on Environmental Monitoring around Nuclear Installations was held at Dobogókő in a mountain resort close to Budapest. About 50 registered participants arrived from 8 countries and presented 22 papers in three days. From 22 to 27 August 1999 Budapest hosted the meeting entitled "IRPA Regional Congress on Radiation Protection in Central Europe". (27 countries, 200 participants, 141 oral and poster presentations).

## SCIENTIFIC ACTIVITY

The scientific activity of the Hungarian Society members involves the following fields of study: dosimetry, nuclear safety analysis, environmental impact assessment, radiation chemistry, radioactive waste management, decommissioning, low dose risk calculation, radon measurement, atmospheric dispersion calculations, estimations and prediction of public dose rates, activity dispersion calculations for surface waters, food-chain modelling, biological samples analyses, supervision of security of nuclear facilities, emergency response, Monte Carlo methods, equipment development for nuclear power applications, medical physics, radiation protection of radiotherapy, in-situ measurement, chemical decontamination techniques, radiological assessment of drinking-, mineral- and spring-water.

## SUPPORTING AND SCIENTIFIC RESEARCH INSTITUTIONS

Centre for Energy Research, National Public Health Institute, Hungarian Atomic Energy Authority, Budapest University of Technology and Economics, Institute of Nuclear Techniques, Semmelweis University, University of Pannonia, MVM Paks Nuclear Power Plant, Gamma Technical Co., National Institute of Oncology.



**Csilla Pesznyák, Ph.D.**  
President of Hungarian IRPA AS



**Andrea Antus, MS.c.**  
Secretary of Hungarian IRPA AS



# ORGANIZING COMMITTEES

## European IRPA 2022 President

János PETRÁNYI (HU) / Gamma Technical Corporation

## Local Organizing Committee

Tamás PÁZMÁNDI (HU) / Centre for Energy Research

Csilla PESZNYÁK (HU) / Budapest University of Technology and Economics; National Institute of Oncology

László SZÜCS (HU) / Government Office of the Capital City Budapest (BFKH) Metrological and

Technical Supervisory Department

Árpád VINCZE (HU) / International Atomic Energy Agency (IAEA)

Gabriella TABA (HU) / Semmelweis University

Richárd ELEK (HU) / National Public Health Institute

Ádám BODÓ (HU) / Gamma Technical Corporation

Dorottya JAKAB (HU) / Centre for Energy Research

Tibor Bujtás (HU) / Paks NPP

Annamária PÁNTYA (HU) / Centre for Energy Research

## Core Scientific Committee

Tamás PÁZMÁNDI (HU) / Co-Chair

Csilla PESZNYÁK (HU) / Co-Chair

Hannes STADTMANN (AT) / Secretary

Peter JESCHKE (DE) / Non-ionizing Radiation

Michele COECK (BE) / Education and Training

Željka KNEŽEVIĆ (HR) / Medical Applications

Franz Josef MARINGER (AT) / Measurement and Standardization

Ivana VUKANAC (RS) / Radioecology

Daniela EKENDAHL (CZ) / Personal Dosimetry

Constantin MILU (RO) / NORM & Radon

Behrooz BAZARGAR-SABET (FR) / Radioactive Waste Management and Geological Disposal

Benjamin ZORKO (SI) / Radioactivity Monitoring and Emergency Monitoring

Tünde KATONA (HU) / Regulation

Géza SÁFRÁNY (HU) / Radiobiology

Mercè GINJAUME (ES) / Industry & NPP





# CALL FOR ABSTRACTS

The Core Scientific Committee invites doctors, researchers, industrial, environmental and authorised professionals worldwide to submit their abstracts for review and possible presentation on the following topics:

NIR: Non-ionising radiation  
Education and training  
Medical applications  
Measurement and standardisation  
Radioecology  
Personal dosimetry  
NORM & Radon  
Radioactive waste management and geological disposal  
Radioactivity monitoring and emergency monitoring  
Regulation Radiobiology Industry & NPP

## IMPORTANT DATES

**Abstract Submission Open:** May 2021

**Abstract Submission Deadlines**

**Oral and Poster Presentations:** 10 September 2021

**Abstract Acceptance Notification Deadline:** 31 December 2021

**Full papers Submission Deadline:** 1 May 2022

**Full papers Publication:** 31 December 2022

All accepted papers will be issued on the IRPA website; while some selected papers will be published in a referred, open access journals.

For more information, please consult the congress website.

[irpa2022.eu](http://irpa2022.eu)





# CONFERENCE VENUE

## Budapest Congress Center & Novotel Budapest City\*\*\*\*

Budapest Congress Center is the largest, most convenient, modern event facility in Budapest. It has over 20 meeting rooms in various shapes and sizes, adjustable for every possible need, as well as an exhibition space of over a 4000 m<sup>2</sup>, which means it can hold separate events at the same time without them interfering with each other. International congresses, exhibitions, professional conferences, corporate meetings, gala dinners, tradeshow, fairs, concerts, plays or graduation ceremonies ñ Budapest Congress Center is perfect for them all.

Impeccable hostess, security, catering services are offered, and the meeting rooms equipped with up-to-date furniture, reliable audio-visual equipment, and projection screens up to 96 m<sup>2</sup>. Another indisputable advantage of Budapest Congress Center is that it's connected to Novotel Budapest City\*\*\*\* providing onsite accommodation of 319 hotel rooms including 17 executive rooms and 4 suites. Guests can expect excellent service, stylish bedrooms, well thought-out fitness facilities, wellness center with swimming pool and more.





# SPONSORSHIP & EXHIBITION

The 6th European IRPA will in 2022 again be accompanied by an exhibition. This exhibition will provide a unique opportunity to present your products and promote services to professionals from all over the world.

## Become a sponsor and benefit from the advantages.

The 6th European IRPA will give your company exposure to more than 600 doctors, researchers, industrial, environmental and authorised professionals.

We are happy to assist you in choosing one of our sponsoring products and activities to assure an excellent presentation of your company.

**Exhibition dates: 30 May – 3 June 2022**

We would be happy to inform you in detail about the opportunities the congress can offer to your company. Please contact us for the detailed Sponsorship & Exhibition Kit available from January 2021.

## For exhibition and sponsorship:

Ms Csengele BOGNÁR  
Conference Office  
AKCongress, Budapest, Hungary  
[irpa2022@akcongress.com](mailto:irpa2022@akcongress.com)  
[www.irpa2022.eu](http://www.irpa2022.eu)



AKCongress

## Partners



## Contact

**Ms Csengele Bognár**  
Congress Secretariat

Financial Affairs, Organization,  
Registration, Exhibition, Social Program

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