



# IRPA Bulletin

*For RP professionals, by RP Professionals*



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**ISSUE #34**



**Artwork on display during the European Regional Congress  
(Blanka Petrányi, Claudia Olaru, Judit Zirczi, Zsolt Déri)**

## **In this issue:**

	<b>PRESIDENT'S BLOG - 2</b>
<b>SOCIETY SPOTLIGHT - 3RD MEETING OF CROATIAN RADIATION PROTECTION ASSOCIATION YOUNG PROFESSIONALS - 4</b>	
	<b>2024 SIEVERT AWARD NOMINATIONS - 6</b>
	<b>6TH EUROPEAN REGIONAL CONGRESS SUMMARY - 7</b>
<b>WEBSITE UPDATES - IRPA 15 CONGRESS VIDEOS &amp; IRPA TASK GROUPS - 11</b>	
	<b>ICRP 2021+1 INTERVIEW - BRIAN AHIER - 12</b>
	<b>UPCOMING EVENTS - 15</b>

# PRESIDENT'S BLOG

DR. BERNARD LE GUEN

## The Science is the Easy Part

How long does it take to calculate the radiation dose rate from, say, 50 TBq of Co-60 that's 10 m away? Calculating this by hand might take a few minutes – especially if you don't happen to remember the gamma factor for Co-60 and need to look it up – plugging the appropriate numbers into an online calculator takes a matter of seconds. Oh – if you're interested, the dose rate is about 180 mSv/hr...if the calculator I used was updated with the most recent gamma factor, anyways.



That's the science. If you're sitting an exam your work might be done at this point. If you're an RP professional, your work is just beginning. Consider....

- If you're a university Radiation Protection Officer, this is a very high dose that you are going to need to protect people from. You'll need to establish safety boundaries, find out how the source came to be where it's at, notify your regulators, develop a recovery plan, and it might be months before you finally put this event behind you.
- If you're a radiation oncologist, you'll (hopefully) realize that this isn't quite enough dose rate to treat your patient's cancer in a reasonable amount of time and your patient will need to be moved closer to the source (which isn't a bad idea – 10 m is a long stand-off distance!).
- If you're an industrial radiographer, you simply need to try to collimate your source, set your radiation safety boundaries appropriately, and proceed with your next "shot."
- If you're an ALARA engineer overseeing the replacement of ion exchanger resin, main coolant filters, or replacing bearings or valve seating surfaces at a nuclear power plant then you need to determine the appropriate shielding to protect the workers, develop an ALARA plan for the project, and institute fairly significant radiation safety controls to make sure the work is done properly without any excessive exposures. And if you're the regulator at this plant, you're going to want to dig through the work plans and all of the calculations to make sure there are no errors.

# PRESIDENT'S BLOG

DR. BERNARD LE GUEN

I could keep going, but you get the picture. Very frequently, calculating “the number” (whatever that number happens to be) is the easy part of our jobs in radiation protection, and as scientists we often tend to focus on what that number turns out to be. But, as shown above, there’s far more to our profession than calculations and in many cases, it’s what we do with our results that matters far more than the calculations themselves. And yet, this is the part of our profession that often makes us uncomfortable – the subjective part of our work – because it involves interpreting our answers, trying to account for the knowledge and (at times) the personalities of those to whom we present and explain our results. And yet, if we cannot do so – if those with whom we are working ultimately don’t know what our numbers mean – then the best calculations in the world might well be for naught.

When I was in university many of my classmates scoffed at those studying philosophy, psychology, sociology, and other “soft” sciences. There is a tendency to feel that only the “hard” sciences are rigorous, repeatable, and objective. But as I progress in my career I’ve realized that most of the world thinks and reasons in subjective terms. We are not going to magically turn billions of people into quantitative, objective thinkers – if we are going to perform our science then we must be able to present it to non-scientists in a way that makes sense to them.

It is essential that we, as scientists, wield our tools as best we can, that we keep up as our science advances, and that we make every effort that our results and the ensuing recommendations or conclusions be firmly rooted in science. But we must also remember that the most important part of our work is yet to come – that we must often be able to convey the important parts of our work to non-scientists, and sometimes to be able to apply these results to our society as a whole. If we have only our science, we can do only a part of our work.

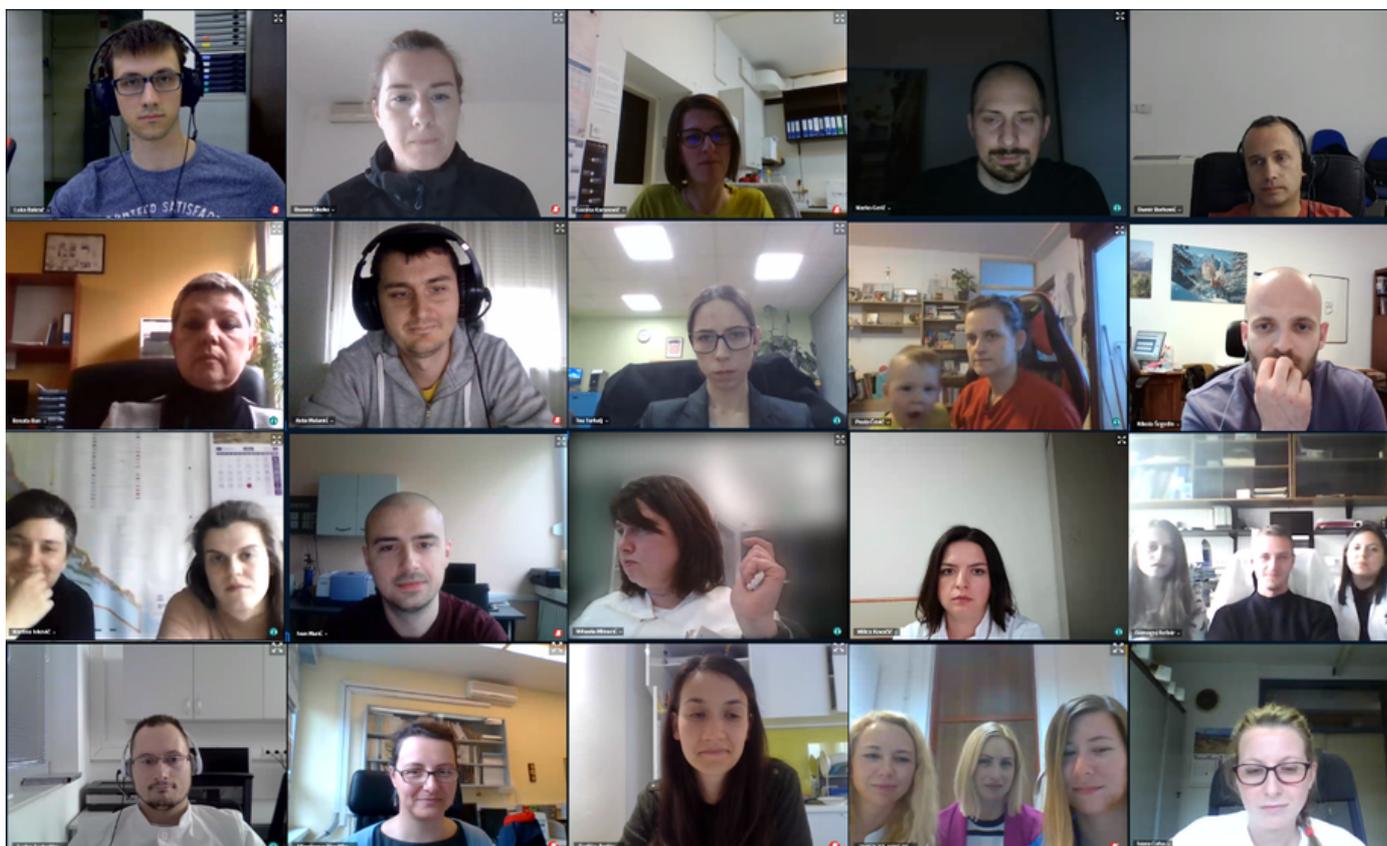


# SOCIETY SPOTLIGHT: CROATIAN RADIATION PROTECTION ASSOCIATION YOUNG PROFESSIONALS

**ANTE MATANIĆ, MARINA POJE SOVILJ, MARIJANA NODILO AND  
IVANA COHA**

The third independent young professionals meeting of the Croatian Radiation Protection Association was held online on March 31st, 2022. The main goal of the meeting was to gather and strengthen scientific cooperation between younger members of the CRPA.

This meeting was attended by 30 young professionals, 15 of whom gave 12 presentations about institutions and occupancies related to the field of radiation protection. The meeting was opened by Ante Matanić, youth representative of CRPA, after which participants were welcomed by the president, Ivana Coha. Ivana presented past and present work, as well as history of the CRPA, and emphasized the work and contributions of CRPA members in radiation protection since its inception in 1979. Marina Poje Sovilj presented her experience as a former youth representative of the Association, and then went on to discuss the research projects of her Laboratory for Low-level Radioactivity in the Department of Physics at the University Josip Juraj Strossmayer of Osijek.



**ATTENDEES AT THE 3RD YOUNG PROFESSIONALS MEETING OF THE CROATIAN RADIATION PROTECTION ASSOCIATION**

## SOCIETY SPOTLIGHT: CROATIAN RADIATION PROTECTION ASSOCIATION YOUNG PROFESSIONALS

The Ruđer Bošković Institute is the largest multidisciplinary Croatian scientific research center. Three laboratories and one department related to radiation protection at the Institute were presented at the meeting:

- Research projects of the Laboratory for Radiation Chemistry and Dosimetry were presented by Marijana Nodilo and Ivan Marić.
- Domagoj Bošnjir talked about activities in the Laboratory for radioecology
- Damir Borković described scientific work in the Laboratory for Low-level Radioactivity.
- Luka Bakrač introduced the Department of Occupational Safety and Health, Fire and Radiation Protection.

Božena Skoko described scientific and research projects and professional activities within the public health scope in the Radiation Protection Unit at the Institute for Medical Research and Occupational Health. EKOTEH Dosimetry is company which provides specific expert services related to ionizing and non-ionizing radiation including radiation protection. This company was represented by Željka Topolovac.

Many talks focused on radiation protection in healthcare. In UHC Sestre Milosrdnice medical physicists are working in the areas of radiotherapy, nuclear medicine, radiology, and radiation protection. Vera Vujasinović described their responsibilities, such as treatment planning, testing, calibration, and quality control. Iva Ivanišić and Andrea Vukoja gave an overview of their medical physics activities in the areas of radiotherapy and nuclear medicine in CHC Osijek. Three medical physicists, Nevena Obajdin, Doris Šegota and Dea Dundara Debeljuh from CHC Rijeka described their activities, as well as scientific and research projects conducted by their Medical Physics Department. Luka Luketin presented medical physicists from CHC Zagreb who are working at several locations in the areas of radiotherapy and treatment planning, nuclear medicine, diagnostic imaging in radiology, radiation protection and radiosurgery with Gamma knife. Finally, Sofia Antić presented Radiochirurgia, a private hospital that specializes in diagnostics and tumor treatment. During the presentation she talked about responsibilities of medical physicists in her hospital.

At the end of the meeting, the youth representative and the president of CRPA both thanked all the participants and closed with a brief discussion on future activities.

# 2024 SIEVERT AWARD NOMINATIONS

Since 1973, on the occasion of each International Congress of the International Radiation Protection Association (IRPA), IRPA has conferred the Sievert Award to a pre-eminent figure in the discipline for their outstanding contributions to radiation protection. This award honours Rolf M. Sievert, a leader and pioneer in Radiation Protection.

The next occasion will be during IRPA 16, the 2024 IRPA International Congress to be held in Orlando, Florida, 7-12 July 2024. The Sievert Award will be conferred during the opening session, followed by the Sievert Memorial Lecture presented by the awardee.

All IRPA Associate Societies are invited to submit nominations for the Sievert Award. To guide the Sievert Award Committee in evaluating nominations, the IRPA Associate Society that makes the nominations should provide the following as a minimum for each candidate:

- A 250-word outline of the particular contributions the candidate has made in the field of radiation protection that are the basis for the nomination and that would justify the candidate's selection as the recipient of the Award.
- The formal assurance that the candidate is the official nominee of an IRPA Associate Society
- A current CV for the candidate, including a summary, approximately 500 words, of the candidate's career.
- An pertinent supporting documentation.

Nominations must be submitted to [clement@irpa.net](mailto:clement@irpa.net) no later than 31 December 2022. Although not required, it would be convenient if a letter of nomination and the supporting information listed above were sent as a single PDF file.

The recipient of the Sievert Award must be in a position to present the Sievert Memorial Lecture at IRPA 16. Current members of the IRPA Executive Council and the Sievert Award Committee are not eligible.

Details of the selection process can be found in [Annex D to the IRPA rules](#)



## 2021 SIEVERT AWARD WINNER:

PROF. ELISEO VAÑÓ, EMERITUS PROFESSOR OF  
MEDICAL PHYSICS OF THE DEPARTMENT OF  
RADIOLOGY OF THE COMPLUTENSE UNIVERSITY OF  
MADRID

[CLICK HERE TO SEE THE 2021 SIEVERT MEMORIAL  
LECTURE - WHY IS RADIOLOGICAL PROTECTION  
DIFFERENT IN MEDICINE?](#)



# HIGHLIGHTS OF THE IRPA EUROPEAN REGIONAL CONGRESS

The 6th European IRPA Congress was held in Budapest, the beautiful capital of Hungary, from 30 May to 3 June 2022. The theme of "Radiation Protection for Everyone," set a clear objective to engage scientists from different fields and draw attention to the importance of radiation protection. An impressive scientific and social programme had been put together with the support of the Organising and Scientific Committees and the European Radiation Protection Associations. The contributions from researchers and scientists filled the 5 days of the congress with high-quality presentations.

The congress officially began with welcome addresses by:

- Miroslav Pinak (Head of the Radiation Safety and Monitoring Section, International Atomic Energy Agency)
- Werner Rühm (Chair of International Commission on Radiological Protection)
- Csilla Pesznyák (President of the European Nuclear Education Network)
- Paddy Gilligan (President of the European Federation of Organisations for Medical Physics)
- Filip Vanhavere (Chairperson of Executive Board, European Radiation Dosimetry Group)
- Andrea Beatrix Kádár (President of Hungarian Atomic Energy Agency)

The opening of IRPA 2022 was celebrated at a Welcome Reception on Monday evening, during which snacks and refreshments were served. It was a great opportunity to get acquainted with the venue and meet the sponsors, exhibitors and the participants of the congress. Before the Welcome reception started, a Hungarian folk music and dance performance dazzled the audience.



**MUSIC AND DANCE PERFORMANCE BY THE BARTOK FOLK ENSEMBLE GROUP  
(SOURCE: IRPA2022 - VÉGEL DÁNIEL)**

# HIGHLIGHTS OF THE IRPA EUROPEAN REGIONAL CONGRESS

Thanks to new technologies, delegates could attend the congress either in person or virtually. The participants could choose between virtual or in-person attendance until the very beginning of the congress. The majority attended in-person, which was fortunate as the beauty of Budapest, the interesting technical site visits and the gala dinner on a Danube cruise boat were not accessible online. Virtual speakers were asked to pre-record their presentation and then answered questions live by logging in online.

Technology also allowed the congress to host the first digital poster session in the history of European IRPA congresses. The aim was to make the poster presentations more flexible and smooth, utilizing the maximum available space, at no additional cost to the participants, for the benefit of both the poster presenter and audience. Posters were displayed on digital screens in portrait orientation. Presenters only needed to upload the poster into the system; the posters were then synchronized to the smart TVs and to the virtual conference platform by the Professional Congress Organiser (PCO). With multiple screens were used, 14 posters could be displayed at the same time. Each poster had a dedicated time and place to be presented by the presenting author and the presenter of the poster had 15 minutes to stand next to her/his poster during the section and introduce the work. Highlighted posters were also included in the oral programme, with presenters giving a 7-minute talk (including Q&A) to introduce their poster. To give even more opportunities to discuss the posters, the screens in the venue were available for browsing freely throughout the congress.

## Congress by the numbers

- 433 participants from 56 countries
- 14 different scientific topics.
- 8 refresher courses
- 9 interesting technical site visits (101 delegates participated)
- 5 workshops
- 147 oral and 108 poster presentations



DIGITAL POSTER SESSION (SOURCE: IRPA2022 – VÉGEL DÁNIEL)



# HIGHLIGHTS OF THE IRPA EUROPEAN REGIONAL CONGRESS

## Students & Young Professionals

The next generations of radiation protection professionals was actively present at the congress, many of whom were supported by through reduced registration fees offered for young scientists. EURADOS and IAEA also provided financial support for young scientists, and 15 candidates were nominated and sponsored by their own IRPA associations.

The Young Scientists and Professionals Competition was sponsored by the IRPA2022 congress, Somos Foundation and the IRPA16 congress, where 13 students and young scientists presented their work. Candidates submitted an abstract and a full paper before the congress and their oral presentation was included in the scientific programme under the appropriate topic. An international jury evaluated both the written paper and oral presentation on the scientific quality and novelty of the underpinning research work as well as the fastidiousness of the written paper and the oral presentation. The audience could also vote for their favourite presenter via the conference application. Prizes were awarded as follows, with monetary prizes for the winners:

- 1st Place award: Dávid Hajdú (Reproduction of shielding concrete activation measurements by simulations)
- 2nd Place award: Davide Bozzato (Operational radiation protection challenges for the LHC experiments)
- 3rd place award: Victor Garcia Balcaza (PyMCGPU-IR Monte Carlo code for occupational dosimetry in interventional radiology)
- Audience award: Whitney N. Coulor (Developing a radiation safety program in countries without legislation in radiation safety – a report on Caribbean countries)

## Startup Competition

The Startup Competition was a novel event at IRPA congresses. It was organized as a satellite event and dedicated to finding the most promising solutions and innovations in the variant fields of radiation protection. The candidates presented their concepts, which were evaluated and awarded by a selected jury as follows:

- 1st Place: Szabolcs Osváth (Kinepic Ltd.) (Digital Variance Angiography) <https://kinepict.com/>
- 2nd Place: Gábor Géczi (27g-technology Ltd.) (Integrated dosimeter circuit solution) <https://27g.space/>
- 3rd place: Kinga Henning (Radoncontrol) (radon measurements, mapping, remediation solutions, and additionally intelligent indoor air quality monitoring systems ) <https://radoncontrol.ro/>

The IRPA2022 Startup Competition was sponsored by the EB Hungary Invest & QTICS Group.



# HIGHLIGHTS OF THE IRPA EUROPEAN REGIONAL CONGRESS

The gala dinner was held on an event ship on Wednesday evening (1 June) after the technical site visits. Everybody enjoyed a wide variety of delicious Hungarian dishes paired with a great selection of Hungarian wines, while cruising along the Danube under the magnificent bridges spanning the river, past the World Heritage views of historic Buda, the famous Parliament building and the cultural-governmental districts of Pest, with relaxing music playing in the background.



**GALA CRUISE DINNER (SOURCE: IRPA2022 - VÉGEL DÁNIEL)**

Our work is not over yet, as we still have to review the submitted papers and publish them. Selected articles will be published in the Journal Radiation Protection and Dosimetry and the remaining peer-reviewed papers will be published in the congress proceedings on the IRPA website, with a target date by the end of March 2023. According to feedback from the participants, the 6th European IRPA Congress was a great success. The innovations introduced at this congress have been well received and will hopefully become a tradition and be integrated into the programme of future IRPA conferences.



# IRPA WEBSITE UPDATES: IRPA 15 CONGRESS VIDEOS & IRPA TASK GROUPS

We've been continuing to add content from the IRPA 15 Congress [on our website](#), including video recordings of the proceedings! You'll now find links to recordings of the following sessions:

- Conference Opening Ceremonies
- Conference Closing Ceremonies
- Enhanced Topic Sessions (ETS):
  1. Advance in Human Phantom Technology
  2. Units and Measurement Quantities: Implications of Recommendations by ICRP and ICRU
  3. Eye Lens Exposure
  4. Safety/Security Interface Issues in Facilities and Source Control
  5. NORM in Industry
  6. Ethics and Culture in Medicine
  7. Recovery and Legacy Management
  8. Occupational Exposure

We'll continue to add videos from the congress, so keep checking back for more content or subscribe to the [IRPA Youtube channel](#) for direct updates.



We've also created a new space for the [IRPA Task Groups](#), which will continue to be expanded over the coming months. Interested in learning more about the work of each group? View the recording of the first IRPA International Webinar: News on **IRPA Task Groups**, which was hosted in coordination with the Health Physics Society (HPS).

**LINK:** XX



# ICRP 2020+1 INTERVIEW: BRIAN AHIER, HEALTH CANADA

The 6th International Symposium on the System of Radiological Protection - also known as ICRP 2021+1 - will take place in Vancouver, Canada from Nov. 7 - 10, 2022. The symposium is being hosted jointly by the ICRP, the Canadian Radiation Protection Association, the Canadian Nuclear Safety Commission, and Health Canada.

Brian Ahier, from Health Canada, is a member of the Joint Programme Committee. We've interviewed him to get a peak at what's in store for the attendees. Here's what he had to say...



## **What makes ICRP 2021+1 such an attractive event?**

ICRP 2021 will bring together the international radiological protection community to launch the discussion on the evolution of the radiological protection system. As it is being held in Canada, it is a unique opportunity for the Canadian radiation protection community, including young professionals, to fully engage in these discussions, to learn from international experts and experience, and to share our expertise and insight.

## **As a member of the Program Committee what do you think attendees have to look forward to at ICRP 2021?**

The program committee has been actively planning the symposium, including discussing and setting the themes, topics and formats, from keynote speakers to technical sessions and innovative poster presentations, all with a view to ensuring an engaging and stimulating event. Attendees can expect a breadth of topics that will be of interest, speakers who are global experts in their fields, and stimulating discussion. Given the overarching theme of the Symposium, Radiation Protection – The Next Generation, I think that attendees can look forward to an event that is truly thought-provoking and forward looking.



# ICRP 2020+1 INTERVIEW: BRIAN AHIER, HEALTH CANADA

## **What are you looking forward to most about the event?**

Beyond the opportunity to engage with the broader radiation protection community, I am looking forward to the hearing from international experts on topics that are personally of interest to me, such as the review and refinement of the fundamentals of radiological protection, optimisation, and involving young professionals. I am particularly interested to hear and participate in the conversation and thinking that these topics will generate.

## **What are you looking forward to discussing with others? Why is this important to the radiation protection community or the system of protection?**

One thing I am looking forward to is the discussion on broadening the optimisation of protection, given my work with Health Canada, which is the federal department responsible for helping Canadians maintain and improve their health. The department deals with a broad range of health-related topics, including such areas as drugs and health products, environmental and workplace health, food and nutrition, health science and research, not to mention its role in the response to the COVID-19 pandemic. The place of radiation protection in the broader discussion on public health, and the intersection between radiation health sciences and broader public health policy, is therefore of particular interest and importance.

## **What topic(s) do you think will generate the most discussion?**

That is really hard to predict, but I think that any of the topics that will help signpost the evolution of radiological protection will generate the most discussion, such as the review and refinement of the fundamentals of radiological protection, the number of topics on optimisation, low dose science and implications and learning from experience. I would also expect good discussion on involving and engaging young professionals.

## **What do you think are the biggest challenges in radiation protection that the next generation will have to face?**

As noted above, radiological protection is one topic within the broader discussion of public health. One of the challenges is how this fits in as part of a broader discussion on optimisation in public health. Also, I think we will continue to face the ongoing challenge of clear and consistent communications to the public and stakeholders, and managing misinformation.



## ICRP 2020+1 INTERVIEW: BRIAN AHIER, HEALTH CANADA

**What do you think the next generation of radiation protection will look like (in 10 years or so) and what changes/innovations do you think it will bring?**

That is another thing that is hard to predict, but I think it will be driven by increased understanding of low dose sciences and implications, the ongoing discussion on broadening optimisation and learning from experience.

**Is there anything specific you would like to say to encourage the radiation protection community to attend ICRP 2021+1?**

Seize the opportunity to be part of the conversation that will lead us towards the next generation of radiation protection!



# UPCOMING EVENTS



visit  
[www.afrirpa06.org](http://www.afrirpa06.org)



## AFRIRPA06

### 6<sup>th</sup> African Regional Congress on Radiation Protection

ACCRA - GHANA

10 - 13 October, 2022

Theme: Embracing Radiation Protection Education and Safety Culture

### Congress Highlights

- ✓ 4 days of scientific presentations
- ✓ Refresher Courses
- ✓ IRPA Associate Societies Forum
- ✓ Social Exhibition
- ✓ Young scientists and radiation protection professional awards

### REFRESHER COURSES

- » Education and Training: Integration of Radiation Protection in Medical and Dental Curricula
- » Safety Culture
- » Measurements of Radiofrequency Fields
- » Radiation Protection Programme in Newer Digital Technologies and Interventional Radiology
- » NORM Characterization
- » Radioactivity in Food and Water



GARP  
Ghana Association for  
Radiation Protection



IAEA  
International Atomic  
Energy Agency



IRPA  
International Radiation  
Protection Association



WHO  
World Health Organization



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Labadi, Accra - Ghana



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# UPCOMING EVENTS



## XII CONGRESO REGIONAL DE SEGURIDAD RADIOLÓGICA Y NUCLEAR

PROTECCIÓN RADIOLÓGICA: *ADAPTÁNDONOS A NUEVOS ESCENARIOS*  
X CONGRESO REGIONAL IRPA

ENCUENTRO IBEROAMERICANO DE PROTECCIÓN RADIOLÓGICA

## SANTIAGO DE CHILE 2022

Centro de Extensión de la Universidad Católica de Chile - Desde 23 al 27 de Octubre

### ÁREAS TEMÁTICAS

PROTECCIÓN RADIOLÓGICA

INNOVACIÓN Y TECNOLOGÍA

CULTURA Y SEGURIDAD

REGULACIÓN Y RECOMENDACIONES

### FECHAS IMPORTANTES

INSCRIPCIONES HASTA EL 23 DE OCTUBRE DE 2022

ENVÍO DE RESÚMENES HASTA EL 30 DE ABRIL 2022

INFÓRMATE EN [WWW.SOCHIPRA.CL/CONGRESO-REGIONAL-SANTIAGO-DE-CHILE-2022](http://WWW.SOCHIPRA.CL/CONGRESO-REGIONAL-SANTIAGO-DE-CHILE-2022)



# UPCOMING EVENTS

## AOCRP6

### 6<sup>th</sup> ASIAN AND OCEANIC CONGRESS FOR RADIATION PROTECTION (AOCRP6)

#### About Conference

The 6<sup>th</sup> Asian and Oceanic Congress for Radiation Protection (AOCRP6) will be held at Mumbai, India during 07 - 11, February 2023. The Indian Association for Radiation Protection (IARP) has been serving the national and international scientific community for the past 55 years by organising international, national and regional conferences and workshops in the field of radiation protection and safety. IARP is proud to host AOCRP6 for the first time in India and feels happy to welcome all the participants from around the world. More than 500 delegates including eminent international and national radiation protection professionals are expected to participate in the congress.

**07-11  
February  
2023**

Nehru Centre, Mumbai, India

For more details and latest updates please visit

[www.aocrp6.com](http://www.aocrp6.com)

#### Congress Theme

Radiation safety is given highest priority at different stages of operation in nuclear, medical and industrial applications of radiation technology. In the past decade, variety of systems and methods have been developed in the field of radiation protection and surveillance including release of new ICRP publications. In view of these developments, AOCRP6 is devoted to the congress theme of "Radiation Protection and Surveillance in Nuclear, Medical, Industrial Facilities and the Environment". This congress is a forum for all the stakeholders including researchers and policy makers to discuss various safety issues related to the developments in radiological and environmental safety of nuclear and radiation facilities.

#### Call for Papers

Scientific Programme Committee of the 6<sup>th</sup> Asian and Oceanic Congress for Radiation Protection (AOCRP6), cordially invites you to submit abstract to AOCRP6 to be held on 07-11, February 2023, in Mumbai, India. All abstracts must be submitted electronically through the website only (<https://www.aocrp6.com/>). Abstracts submitted via e-mail, fax or regular mail will neither be accepted nor acknowledged. All submitted abstracts will be reviewed and assigned to appropriate session. Notification on acceptance will be sent to the submitter by email.

#### Important Dates

Abstract submission starts  
**10/05/2022**

Last date for abstract submission  
**30/06/2022**

Intimation of acceptance of abstract  
**15/09/2022**

Registration begins  
**5/07/2022**

Early bird Registration & accommodation request (up to)  
**15/10/2022**

On the spot registration allowed (up to)  
**06/02/2023**

#### Contacts

**Dr. M. S. Kulkarni**

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Website: <https://www.iarp.org.in>

#### Outline Structure & Topic Areas

The scientific programme of the congress will include keynote addresses, Panel Discussions, Invited Talks, Proffered Papers, Posters and Technical Exhibition. The major scientific thematic areas to be covered at the congress are listed below:

1. Foundation Topics on Radiation Protection Philosophy and Risk Estimates
2. Radiation Safety and Protection in Nuclear Facilities
3. Radiation Safety and Protection in Medical & Industrial Sectors
4. Radiation Dosimetry (External, Internal and Biological)
5. Nuclear Instrumentation and System Development
6. Environmental Monitoring and Assessment
7. Existing Exposures
8. Emergency Preparedness and Response
9. Regulatory Framework: System of Protection, Standards and Regulation.

#### Guidelines for Abstract Preparation and Submission

Contributions should be brief with relevant scientific/technical details in the form of an extended abstract of one page, not exceeding 500 words. The template of the abstract can be downloaded from the AOCRP6 website. The contribution must be submitted ONLINE (electronically) through the abstract submission facility of AOCRP6 website ([www.aocrp6.com](http://www.aocrp6.com)) before the closing date. Abstract submitted for presentation in the congress will be reviewed independently by the members of the scientific programme committee and experts in the field. The intimation will be sent to the authors post the acceptance of abstracts. Last date for abstract is 30/06/2022. The acceptance of the abstracts will be intimated before 15/09/2022.

#### Registration Details

Registration is pre-requisite for attending the conference and presenting a paper. Request for registration will be taken through online form available on website from 15<sup>th</sup> July 2022 onwards. Registration fee payable is listed below:

Type of Registration	Amount payable (INR)	
	Early bird up to 15/10/2022	Late or on the spot 06/02/2023
IARP Member	10000	12000
Senior Citizen (IARP Member)	5000	5500
Non IARP member	15000	15500
Accompanying Person	8000	8500
Student delegate (Indian)*	5000	5500
Trade delegate (Indian)	20000	25000
Foreign delegate	600 \$	650 \$
Student delegate (Foreign)	200 \$	250 \$

\* To encourage the participation of young students, financial assistance to the deserving under graduate / post graduate students of Universities will be provided subject to the availability of funds. Certificate from Head of the Institute/Department is mandatory.

#### Publications

Book of Abstracts will be published during AOCRP6 Congress. Manuscripts selected by our Scientific Programme Committee will be published in a peer reviewed journal.



# SEND US YOUR NEWS!



Do you have news to share? Send it to [cop@irpa.net](mailto:cop@irpa.net), and we will share it via the IRPA News and the IRPA Bulletin. Stories for the Bulletin are normally 200-300 words plus images.

We're always looking for updates from our Associate Societies for our Society Spotlight. Let us know what your society has been up to. Meetings, conferences, general events or any good news is always welcome!

## Your IRPA Commission on Publications:

**IRPA Communications Officer:** Dave Niven

**Bulletin Editors:** Dave Niven

**Associate Societies Liaison:** Adelene Gaw;

**Website Managers:** Dave Niven & Chris Malcolmson;

**Social Media Managers:** Sven Nagels & Chris Malcolmson;

**Media Reviewers:** Sven Nagels, Young-Khi Lim & Hiroki Fujita;

**Proceedings Advisor:** Haruyuki Ogino

