



15TH INTERNATIONAL CONGRESS OF INTERNATIONAL RADIATION PROTECTION ASSOCIATION (IRPA)

11(Mon) – 15(Fri) May 2020 | COEX, Seoul, Korea



BRIDGING RP CULTURE & SCIENCE

WIDENING PUBLIC EMPATHY

IRPA15 Organizing Committee

IRPA15 ICOC(International Congress Organizing Committee)

Chairman	Jong Kyung Kim (Hanyang University)
Vice-Chairman & International Relations Committee Chair	Kun-Woo Cho (KINS)
General Secretary	Tae-Suk Suh (The Catholic University)
Deputy General Secretary	Hee Seock Lee (Pohang University)
Secretary	Hee Seo (KAERI)
Treasury Committee Chair	Ho Sin Choi (KINS)
Treasury Committee Vice-Chair	Sung Hwan Kim (The Catholic University)
Promotion & Marketing Committee Chair	Yong Kyun Kim (Hanyang University)
Promotion & Marketing Committee Vice-Chair	Keon Wook Kang (Seoul National University)
Exhibition Committee Chair	Moon Hee Han (KAERI)
Technical Visit Committee Chair	Bong-Hwan Kim (KAERI)
Social Event Committee Chair	Eun-Ok Han (KANS)
Young Scientist Awards	Jin-Sung Kim (Yonsei University)

IRPA15 ICPC(International Congress Programme Committee)

Chairman	Wolfgang Weiss (Germany)
Core Group	Mike Boyd (USA)
	Marina Di Giorgio (Argentina)
	Sisko Salomaa (Finland)
	John Takala (Canada)
	Jim Thurston (UK)
	Shinji Tokonami (Japan)
	Ludovic Vaillant (France)
Corresponding Group : 50 Persons / 29 Countries	
Scientific Secretary	Kyo-Youn Kim (KAERI)
Deputy Scientific Secretary, Abstract Review	Seonyoung Nam (KHNP)
Oral & Poster Review	Geehyun Kim (Sejong University)
Refresher Courses	Yong-Min Kim (Catholic University of aegu)
Proceedings & Publications	Chul Hee Min (Yonsei University)

IRPA15 ICSC(International Congress Support Committee)

Chairman	Steven King (USA)
General Secretary	Kwang Pyo Kim (Kyunghee University)
Secretary	Eui Kyu Chie (Seoul National University)

IRPA15 Domestic Advisory Committee

Chairman	Myung-Chul Lee (KAST)
Vice-Chair	Young-Khi Lim (KARP)
International Advisor	Jacques Lochar (France)

IRPA15 Scientific Program Outline Structure

Thematic Areas	General Topics	Culture	Ethics	Human Capital and Competency	Communication, Public Understanding and Stakeholders
		Theme overview plenary for each thematic area			
Topical Areas Underpinning Science - Radiobiology - Epidemiology - Environmental science - Social science					
Dosimetry and Measurement System of Protection, Standards and Regulation Practical Implementation: Medical Practical Implementation: Industry and Research - Nuclear (NPP, fuel cycle, including mining) - Decommissioning - Waste management - Sealed sources - Research facilities - Transport - Other users		The proposals on the scientific program from all of the core group members are combined and the scientific program structure is formulated. It has 7-8 horizontal areas and 5-6 vertical areas. The horizontal and vertical areas correspond to topical and thematic areas, respectively. The paper submitted to one of the topical areas will be classified to the proper thematic area. The general topics for each horizontal area will be identified. Draft scientific program of IRPA15 such as plenary, oral and poster presentation, and discussion session will be formulated during the first half of 2018.			
Existing Exposures - NORM - Radon - Natural background - Aviation/cosmic - Legacy & remediation					
Emergency Preparedness					
Non-ionizing Radiation					

Any questions or queries regarding this proposal should be directed to

The Korean Association for Radiation Protection
 (T)+82-2-2297-9775 (F)+82-2-2297-9776
 (E) webmaster@karp.or.kr

MECI (PCO)
 (T) +82-2-6288-6342 (F) +82-2-6288-6398
 (E) irpa15@meci.kr

Dear Delegates and Friends,



On behalf of the KARP IRPA 15 Organizing Committee (KOC), it is my great pleasure to invite you to the 15th International Congress of the International Radiation Protection Association (IRPA) to be held on May 11-15, 2020 in Seoul, Korea.

The Organizing Committee has exerted tremendous effort to make the most highly acclaimed congress in radiation protection more rewarding and enjoyable with a comprehensive and exciting scientific program while maintaining the IRPA traditions and promoting mutual friendship.

Under the theme of "Bridging RP Culture and Science –Widening Public Empathy", the IRPA 15 will provide invaluable opportunities to discuss and strengthen the correlation between RP culture and science and share various scientific knowledge and related experiences in radiation protection not only among experts but also with the public.

As a city with more than a 600-year history, Seoul, the nation's capital and the venue city of this congress, possesses a wealth of historical monuments, tourist attractions and vivid lifestyles.

Excellent hotels and the exceptionally safe and attractive meeting venue (COEX), which is the most modern, high-tech facility in Asia, will make your participation as easy and comfortable as possible.

I would like to express my heartfelt appreciation for your interest in IRPA 15, and I look forward to welcoming you to Seoul in 2020 for the IRPA 15

Jong Kyung KIM

Chairman

KARP IRPA 15 Organizing Committee

Congress Theme

Bridging RP Culture and Science – Widening Public Empathy

After the Fukushima Daiichi nuclear power plant accident in 2011, the importance of radiation protection culture and public empathy as well as radiation protection science has been emerged and is widely accepted as one of essential elements for the sound, practical, and effective implementation of the radiation protection principles and technologies in the international radiation protection community.

Science is a basic and essential element of radiation protection. Despite the recent rapid development of radiation protection science, ethical and social value judgments as well as practical field experiences have gradually emerged and are another important elements in the international system of radiation protection.

As witnessed at the Fukushima Daiichi nuclear power plant accident in 2011, apparent gap of understanding between experts and the public resulted in difficulties in the proper implementation of radiation protection measures and strategies. Experience from radiological emergencies highlights the importance of public communication and empathy as one of the most important challenges in radiation protection. Sometimes, an event is not considered to be a danger to experts but is perceived otherwise by the public. Also, the public intends to strongly make their own arguments when considering and facing the risk of radiation exposure.

'Empathy' implies a connection, which goes beyond communication – it means that there must be an emotional engagement, a full understanding and recognition of how the parties feel about the issue, which must be central to an ability to move forward. Without public empathy, a decision for implementation of radiation protection criteria, though it is based on sound science, has to go through lots of difficulties. Indeed, the public empathy includes comprehensive natures such as transparency, stakeholder involvement, self-help protection and an informed consent/decision.

The adoption of the theme 'Bridging RP Culture and Science – Widening Public Empathy' for the IRPA15 Congress reflects the strong commitment of the IRPA15 Organizing Committee to provide invaluable opportunities to discuss and strengthen the correlation between RP culture and science, and share various scientific knowledge and experiences on radiation protection not only among experts but also with the public. The IRPA15 Congress will certainly contribute to opening a new pathway to the development of future system of radiation protection, which is to be based on public empathy.



Congress Overview

· Date	May 11-15, 2020
· Venue	COEX, Seoul, Korea
· Official Language	English
· Congress Theme	Bridging RP Culture and Science - Widening Public Empathy
· Expected Participants	2,200 participants From over 90 countries
· Website	www.irpa2020.org

Congress Venue

COEX Convention & Exhibition Centre "Everything Under One Roof"

COEX is many convenors' venue of choice, providing more than 20 years of experience for international and domestic meetings and exhibitions. Onsite facilities include three five-star hotels, an enormously sized shopping mall, a city airport terminal and an advanced IT infrastructure, ensuring that all business, entertainment and shopping can be met under one roof.

- Ranked 10th in the League of World's Convention Centres
- Capacity for up to 60 Concurrent Sessions
- Can seat 10,000 persons in One Large Convention Hall
- www.coex.co.kr
- 4 Exhibition Halls & 54 Meeting Rooms
- Attractive Underground Shopping Mall
- 7,256 Hotel Rooms available within a 5km radius

About Seoul

<http://english.visitseoul.net/index>

Seoul is an intriguing unique meetings destination with a fascinating dual character of ancient traditions meet ultramodern technological styles. It is home to the captivating UNESCO World Heritage-listed palaces and shrines as well as the gleaming futuristic skyscrapers. Along the way, you'll meet many fun-loving and professional people and discover an ancient capital powered by some of the most modern technology on earth when your Seoul-based event is over. This is because Seoul is a place of boundless discoveries, where no two visits are alike; the traditions of centuries have blended together with the fast-paced dynamism of the 21st century; and the people who live here are as serious about making your business events a success as they are committed to the enjoyment of life.

