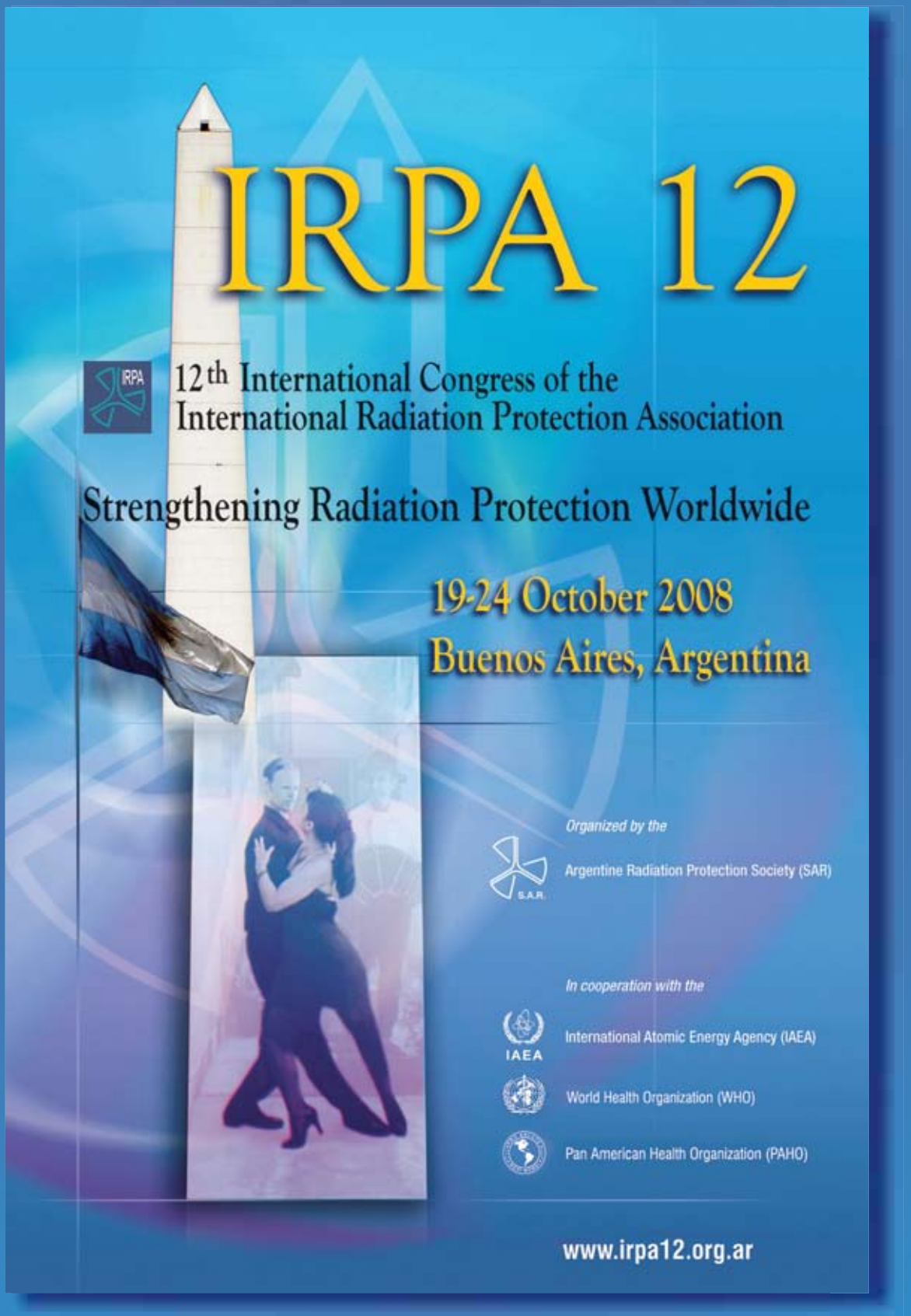
Second Announcement

CALL FOR PAPERS



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12th INTERNATIONAL CONGRESS OF THE INTERNATIONAL RADIATION PROTECTION ASSOCIATION

WORLDWIDE GOVERNMENTAL SUPPORT FOR IRPA 12

IRPA 12 has received support from Governments around the world. On September 22, 2006, the 142 States participating in the General Conference of the International Atomic Energy Agency (IAEA) approved Resolution GC(50)/RES/10 which includes a request for supporting IRPA 12.

Resolution GC(50)/RES/10, after noting "*the forthcoming XIIth Congress of the International Radiation Protection Association (IRPA 12) – 'Strengthening Radiation Protection Worldwide' – which will take place in Buenos Aires in October 2008",* in fact *"encourages the [IAEA] Secretariat to support the dissemination of information arising from this event and to support the participation of developing countries …".* It is the first time in the history of IRPA Congresses that Governments have taken such an important step.

This Governmental decision is good news for the radiation protection profession around the world, particularly for scientists from developing countries. It will now be easier for them to obtain support for attending IRPA 12. It will also facilitate achieving the main IRPA 12 goal:

"Strengthening Radiation Protection Worldwide"

Organized by

S.A.R.
Argentine Radiation Protection Society

In cooperation with

IAEA

WHO

PAHO

MESSAGE FROM THE PRESIDENT OF IRPA

Arrangements for IRPA 12 are moving ahead and the meeting programme is taking shape. Since the decision to hold IRPA 12 in Buenos Aires was made during the international congress in Madrid world events continue to indicate an increasing need for nuclear energy. Several countries are announcing plans to introduce nuclear energy generation or increase the size of existing programmes. One of the immediate indicators has been the increased level of prospecting for uranium, with its concomitant radiation safety demands. Medical uses of techniques involving radiation continue apace, although ongoing security concerns appear to be having a significant impact on the use of radiation sources in all spheres. All these developments highlight and emphasise the need for a competent radiation safety regime throughout the world. Such a regime must be based on a sound scientific understanding of the effects of radiation on people and the environment, a sound and ethical philosophical basis for protection and safety and well managed and regulated radiation safety programmes. In order to realize such an international regime of safety it is essential that professional standards are both maintained and continually improved.

IRPA 12, as with all previous IRPA international congresses will provide a unique opportunity for radiation safety professionals and others working with nuclear and radiation related technologies to update their knowledge on all aspects of radiation safety - the science, the philosophy, legal and regulatory bases and applied technologies and programmes. It also provides an opportunity for young persons in the field to acquire vital insights into the international dimension of radiation safety.

IRPA as an organisation continues to grow and develop. The role of IRPA has evolved not only as a promoter of the discipline of radiation protection and a promoter of the development of radiation protection societies throughout the world, but also as a conduit between the international organizations and the profession. The business programme for Associate Societies at IRPA 12 promises to be both fruitful and rewarding, amongst other things, constitutional changes will be considered with a view to obtaining broader and more equitable regional representation on the IRPA Executive Council.

As I indicated previously the meeting could not take place at a better location. Buenos Aires is a vibrant modern city with rich traditions from its multicultural populace and its place in history. A part of that history has been the development of an indigenous nuclear industry over the past few decades, an industry which is becoming a leader in design and export of nuclear technology, in particular research reactors.

Argentina is however not only known for its nuclear technology, but also for its contribution to radiation safety. The contribution has come both in terms of the development of radiation safety philosophy, from such as the late Dan Benison, one of the icons of modern radiation safety thinking, and from its substantial efforts in the training of radiation safety professionals within the Latin American region. Abel Gonzalez as Vice President for Congress Affairs together with Eduardo Gallego as Chairperson of the International Congress Programme Committee have undertaken to steer the or-

ganisation of IRPA 12 to provide a meeting that will provide a clear insight into where radiation protection stands and what direction we need to move to broaden our world of radiation safety to engage all professional and interested parties to ensure that the beneficial uses of radiation continue to be exploited in a safe manner and to the benefit of all people. Again I give my thanks to all the hundreds of people who will assist with the planning and execution of IRPA 12 both in Argentina and from around the world. This will be a high calibre and important meeting and I urge all radiation safety professionals and interested persons to support the Congress and hope to see you in Buenos Aires.

Phil Metcalf
IRPA President

MESSAGE FROM THE PRESIDENT OF IRPA 12 CONGRESS

Dear colleagues and friends from all over the world,

Some time ago, when we opened the web page of IRPA 12, I was pleased to invite you to attend the 12th International Congress of the International Radiation Protection Association (IRPA 12), which will take place in Buenos Aires, Argentina, in October 2008. Now, shortly ahead of the Congress, I kindly renew my invitation for your participation in IRPA 12.

Thanks to the unremitting work of the IRPA 12 Programme Committee (ICPC), we can now restate that IRPA 12 will offer you an exceptional overview of the latest developments in radiation science and in the international radiation protection approach, as well as in the day-to-day practical solutions to the challenges we confront in the myriads of beneficial endeavors where exposure to ionizing or non-ionizing radiations is present. The ICPC has reconfirmed that IRPA 12 will concentrate on three major areas, as follows:

- The epistemology of radiation, namely the methods, the validity and the scope of current knowledge of the physical and biological sciences in relation to the effects of radiation exposure.
- The paradigm of radiation protection, namely the conceptual model for keeping people safe from the health effects due to radiation exposure.
- The practice of radiation protection, namely the actual application and use of radiation protection plans and methodologies by practitioners and industries making use of radiation.

The activities to be covered by IRPA 12 comprise:

- the medical uses of radiation, including the challenging new techniques in radio-diagnosis, radiotherapy, nuclear medicine and interventional radiology;
- the nuclear industry, including uranium mining and milling, uranium enrichment, nuclear fuel fabrica-

tion, nuclear power plant and research reactor operation, spent fuel management and reprocessing and radioactive waste management;

- businesses involving adventitious non-ionizing radiation exposure, such as mobile telephony, energy transmission, domestic apparatuses (TV sets, micro-waves), and light engineering;
- enterprises involving naturally occurring radioactive materials (NORMs), such as: the production of mineral sand products, phosphoric acid from phosphate rock, and some metals (e.g., tin); the oil industry, with its sub-product of radioactive scales; the use of natural building materials containing natural radionuclides; and, surprisingly, the generation of non-nuclear energy from combustibles such as coal that may leave radioactive ashes as a radioactive residue of environmental significance; as well as many miscellaneous activities where radiation exposure is present, such as transport of radioactive materials, security at airports, etc.

The ICPC has also worked hard to offer to you a rejuvenated programme of refresher courses, this time including professional accreditation.

Meanwhile, the International Congress Support Committee (ICSC) has been working hard to ensure that colleagues from all continents will be able to attend IRPA 12 –particularly those from developing countries, who have not always been able to travel to IRPA Congresses. Its objective: to make a reality of the Congress motto: *"strengthening radiation protection worldwide"*.

Several intergovernmental organizations, such as the World Health Organization, the Pan American Health Organization and the International Atomic Energy Agency (IAEA), are cooperating with the ICSC and intend to provide support to scientists from the developing world to facilitate their attendance, as well as to a wide fostering of IRPA 12 information exchange. For instance, a year ago the 142 countries represented at the IAEA General Conference resolved to encourage the IAEA Secretariat to support the dissemination of information arising from IRPA 12 and, significantly, to support the participation of developing countries *(http://www.iaea.org/About/Policy/GC/GC50/GC50Resolutions/English/gc50res-10_en.pdf)*. Just few days ago the IAEA GC reaffirmed its decision. It is the first time in the history of IRPA Congresses that Governments have taken such an unprecedented step. It may indicate a renewed political interest in radiation protection and safety. Notably, the decision was made in the highest body of the IAEA, which is recognized to be the "*radiation watchdog*" within the United Nations system. The IAEA was awarded the 2005 Nobel Peace Prize for its efforts (*inter alia*) *"to ensure that nuclear energy for peaceful purposes is used in the safest possible way"*. Moreover, as this is the first time that an IRPA International Congress will take place in Latin America, both the Latin-American Federation of radiation protection societies *(http://www.radioproteccion.org/fralc.htm)* and the Iberoamerican Forum of radiation safety regulators *(http://www.foroiberam.org)* are supporting IRPA 12 enthusiastically. In parallel many national initiatives are on course to facilitate attendance and while it is materially impossible to refer to all of them, references can be found in the national societies' web-pages. I have visited personally many Embassies in Buenos Aires and briefed the representatives on these events soliciting support for their nationals to attend IRPA 12.

The International Congress Organizing Committee (ICOC) is taking care of all the necessary logistical preparations to make a successful Congress. Arrangements have been made with the Buenos Aires Convention Center *(http://www.starwoodhotels.com/sheraton/property/features/index.html)*, which is next to the Buenos Aires Sheraton Hotel, located in the heart of Buenos Aires and surrounded by many hotels and restaurants. In addition, the ICOC will assist you to benefit from the extra bonus IRPA 12 offers: the outstanding cultural life of Buenos Aires! This cosmopolitan city is a melting-pot of ethnicities from all over the world, which have been the genesis of *tango*, the ultimate artistic expression of the city. While you are refreshing your radiation protection knowledge, you will be able to try tango in its birthplace.

The ICOC will also help you to make Buenos Aires your starting point for enjoying Argentina's multiple tourist attractions. Argentina will offer you its rich traditions to experience and its amazing landscapes to enjoy. Unique natural sceneries, from the forest of Iguazú Falls to the glaciers of Patagonia, will all be within your reach. I continue to invite you to visit the tourism section at this web site, so that you can start planning your IRPA 12 connected Argentine journey now.

At ***General Information*** you will find a description of the major features of IRPA 12. The Congress agenda, which addresses both ionizing and non-ionizing radiation, is aimed at promoting a full and wide engagement in IRPA 12 of the whole radiation protection profession. From scientists and research institutions to practitioners and industry, all will have a place in the programme. Several Technical Sessions addressing current topical issues will cover the Congress three major areas. Each Technical Session will feature a Keynote Speaker who will summarize the status of the issue, a Rapporteur who will summarize contributed papers submitted to the Congress on that issue, and the session's participants will be able to discuss the contributions in open fora at each session. The Technical Sessions' Chairpersons will sum up the various outcomes in *ad hoc* Concluding Plenary Sessions. Every contributed paper will be issued. Poster Sessions will serve as an opportunity to bring together professional counterparts from around the world to hold insightful discussions and to forge new relationships. The Congress also features working lunches, where highly qualified speakers will address new issues of general interest, background plenary sessions where the content and directions of the current and future work of relevant international organizations will be presented, a full programme of refresher courses with professional accreditation, and a technical exhibition to keep us abreast of technical developments. The Sievert Award and the Gold Medal Ceremonies will certainly be the most memorable moments of IRPA 12. The IRPA business programme will be the natural forum to discuss topics of interest for national societies. And last but not least, a full social programme will make your evenings unforgettable!

I kindly continue to invite you to involve yourself in IRPA 12 and make of it an unforgettable professional success.

Please remember to include ***www.irpa12.org.ar*** in your favourites and to visit the site regularly for updates and the latest news about IRPA 12.

I look forward to welcoming you in Buenos Aires in October 2008!

Abel J. González
President of IRPA 12

IRPA Executive Council 2004-2008

President **Philip E. Metcalf** SARPC / South Africa
Vice-President **Kenneth R. Kase** HPS / USA

Vice-President for Congress Affairs	**Abel J. Gonzalez**	SAR / Argentina	Council member	**Renate Czarwinski**	FS / Germany
Executive Officer	**Jacques Lochard**	SFRP / France	Council member	**Gary Kramer**	CRPA / Canada
Treasurer	**Brian Dodd**	HPS / USA	Council member	**Rodolfo Touzet**	SAR / Argentina
Publications Director	**Richard V. Griffith**	HPS / USA	Council member	**Sisko Salomaa**	NSFS / Finland
Council member	**Robert H. Corbett**	SRP/ UK	Council member	**Christian Wernli**	FS / Switzerland

International Congress Programme Committee (ICPC)

Gallego Eduardo Spain Chairman
Pérez María del Rosario Argentina Scientific Secretary
Beatriz Gregori Argentina Scientific Secretary

Ahlbom Anders	Sweden	**Hunt John**	U.K.	**Perks Christopher**	U.K.
Arias César	Argentina	**Jimenez, Pablo**	Spain	**Pisarev Mario**	Argentina
Bolshov Leonid	Russia	**Khoury Helen**	Brazil	**Saint Pierre Sylvain**	France
Bourguignon Michel	France	**Kim Chong Soon**	Korea	**Schneider Thierry**	France
Cancio David	Spain	**Kosako Toshiso**	Japan	**Schuhmacher Helmut**	Germany
Cardis Elisabeth	Canada	**Lazo Edward**	USA	**Sjoblom Kirsti-Liisa**	Finland
Corbett Robert	U.K.	**Leciñana Alejandro**	Argentina	**Sobehart Leonardo**	Argentina
Czarwinski Renate	Germany	**Loy John**	Australia	**Stern Warren**	USA
Díaz Eduardo	Argentina	**Magnusson Sigurdur**	Iceland	**Tarzian Carlos**	Argentina
Doi Masahiro (d. 2006)	Japan	**Massera Gustavo**	Argentina	**Tsela Simanda Alex**	South Africa
Fong Ruby	U.K.	**McKinlay Alastair**	U.K.	**Vañó Eliseo**	Spain
Gomaa Mohamed	Egypt	**Mrabit Khammar**	Morocco	**Vecchia Paolo**	Italy
Guilmette Raymond	USA	**Na Seong Ho**	Korea	**Wilkinson William**	U.K.
Hefner Alfred	Austria	**Niu Shengli**	China	**Zhou Ping-Kun**	China
Hua Liu	China	**Pan Ziqiang**	China		

International Congress Support Committee (ICSC)

Khammar Mrabit Chairman / IAEA
Máximo Rudelli Vice Chairman / SAR

Zhanat Carr	WHO	**Ibrahim Othman**	AECS / Syria
Pablo Jiménez	PAHO	**Ahmad J. Alkhatibeh**	The Supreme Council for the Environment & Natural Reserves / Qatar
Adnan Shihab-Eldin	OPEC	**Leopold Arranz**	SEPR / Spain
Sylvain Saint Pierre	WNA	**Seong Ho NA**	KINS / Republic of Korea
Jacques Lombard	SFRP / France	**Liu Hua**	NNSA / China

International Congress Organising Committee (ICOC)

González Abel J. Chairman
Palacios Elías Vice Chairman

Bomben Ana	General Supervision	**Terigi Gabriel**	Institutional Relations
Papadopulos Susana	General Secretary	**Chahab Martin**	Institutional Relations
Thomasz Esteban	Organisation Supervision	**Olivelli Carina**	Publications
Massera Gustavo	Scientific Supervision	**Alvarez Silvia**	Publications
Fernández Moreno Sonia	Institutional Relations Supervision	**Cesario Pablo**	Social Programme
Telleria Diego	Treasurer	**Bisauta Mauricio**	Technical Exhibition
Esmerian Alberto	Treasury Supervision	**Truppa Walter**	Technical Exhibition
Madariaga Marcelo	Web-site Supervision	**Rudelli Máximo**	Promotion
Pérez Adrián	General Co-ordination	**Dubner Diana**	ICPC Assistants
Touzet Rodolfo	IRPA General Co-ordinator and Quality Assurance	**Alvarez Daniela**	ICPC Assistants
Josilto de Aquino	General Co-ordinator for Brazil	**Spinella María Rosa**	ICPC Assistants
Dominguez Cristina	Legal Aspects	**Saavedra Analía**	ICPC Assistants
Menossi Carlos	Refresher Courses	**Arnaud Marta**	Web-site Assistant
Gigli Noemí	Refresher Courses	**Echenique Luis**	Audit
Sacc Ricardo	Refresher Courses	**Lee Horacio**	Audit

12th INTERNATIONAL CONGRESS OF THE INTERNATIONAL RADIATION PROTECTION ASSOCIATION

Declared of national interest the candidacy of the Autonomous City of Buenos Aires as siege of the 12th International Radiation Protection Congress to be held in 2008. General Secretariat Argentine Presidency – Resolution N° 219/04

Declared of national interest by the Foreign Affairs Secretariat, Ministry of Foreign Affairs, International Trade and Worship – Resolution N° 204/04

With the sponsorship of:

- **Nuclear Regulatory Authority of Argentina**
- **National Atomic Energy Commission of Argentina**
- **Secretariat of Science and Technology of Argentina**
- **Secretariat of Health of the Government of the City of Buenos Aires**
- **Brazilian-Argentine Agency for Nuclear Accountancy and Control**
- **Faculty of Medicine of the National University of Buenos Aires**
- **National Academy of Medicine of Argentina**
- **Faculty of Health Sciences of the University of Salvador**
- **Électricité de France**
- **Argentine Nucleoelectric Society**
- **Dioxitek S. A.**
- **Argentine Radiology Society**
- **Argentine Society of Physicists in Medicine**
- **Brazilian Radiation Protection Society**
- **Cuban Physics Society, Radiation Protection Section**
- **Peruvian Radiation Protection Society**
- **Latin American and Caribbean Federation of Radiation Protection Societies**

ROLF M. SIEVERT AWARD

The 12th IRPA International Congress will be opened by the Sievert Lecture presented with the winner of the Sievert Award. This award is granted in honour of Rolf M. Sievert, a pioneer in radiation physics and radiation protection.

The Sievert Award consists of a suitable scroll, certificate or parchment, containing the name of the recipient, the date when it is presented and an indication that the award represents the fact that it honours the memory of Professor Rolf M. Sievert.

The recipients of the Sievert Award have been:

1973	Prof. Bo Lindell (Sweden)
1977	Prof. W.V. Mayneord (United Kingdom)
1980	Dr. Lauriston. S. Taylor (USA)
1984	Sir Edward Pochin (United Kingdom)
1988	Prof. Dr. Wolfgang Jacobi (Germany)
1992	Dr. Giovanni Silini (Italy)
1996	Dr. Dan J. Beninson (Argentina)
2000	Prof. Dr. Itsuzo Shigematsu (Japan)
2004	Ing. Abel J. Gonzalez (Argentina)

THE GOLD MEDAL FOR RADIATION PROTECTION OF THE ROYAL SWEDISH ACADEMY OF SCIENCES

This medal was established in 1962 to be given to persons who have made highly valuable contributions to international radiation protection word during the preceding 10 years period. Recipients are nominated by the International Commission on Radiological Protection (ICRP) and chosen by the Academy.

Previous recipients include: W. Binks, K. Z. Morgan, W. V. Mayneord, L. S. Taylor, E. E. Pochin, S. Takahashi, B. Lindell, L. Shigematsu, A. Guskova and R. Doll.

SCIENTIFIC PROGRAMME

GENERAL OBJECTIVES

The general scientific policy objectives of IRPA 12 are as follows:

- to engage all participants in order to put in practice its motto: "***strengthening radiation protection worldwide***" (IRPA12 is not intended to be a highly specialized event aimed at just reporting sharp scientific breakthroughs but rather a broad gathering of professionals directed at the promotion, enhancement and straightening of radiation protection worldwide); and,

- to produce a definite outcome, namely concrete findings and follow-up recommendations that can be implemented.

The scientific organisational highlights of IRPA 12 are described hereinafter. They are aimed at attaining the general policy objectives described heretofore. It should be recognized that the policy objectives of IRPA 12 are distinct from those of previous IRPA Congresses and that, therefore, its organisational characteristics need be different.

GENERAL ARRANGEMENTS

IRPA 12 is arranged on three distinct ***Main Fields***, which are divided in ten ***Scientific Areas*** and cover a total of thirty eight ***Topical Sessions***. Below is a description of the different components of the Scientific Programme of the Congress.

Main Fields: each of the three main areas on which IRPA 12 will focus, i.e., the ***epistemology*** of radiation, the ***paradigm*** of radiation protection and the ***practice*** of radiation protection.

Scientific Areas: each of the ten main branches – ***"Areas"*** – in which the Scientific Programme has been subdivided, linked with the three main fields according to the following table:

Main Fields
Scientific Areas
I Epistemological Basis of Radiation Protection
I.1 Characterization of Radiation Exposure
I.2 Biological Effects of Radiation Exposure
II Radiation Protection Paradigm
II.1 Developing the Radiation Protection Framework
II.2 Developing Protection Policies, Criteria, Methods and Culture
II.3 Emergency Planning, Preparedness & Response
III Radiation Protection and Safety in Practice
III.1 Nuclear Installations
III.2 NIRs
III.3 Medicine
III.4 NORM in Industry
III.5 Other Applications and Practices

Topical Sessions

- I.1.1 External Exposure to Ionizing Radiation
- I.1.2 Internal Exposure
- I.1.3 Biological Dosimetry
- I.2.1 Effects on Molecules, Organelles & Cells
- I.2.2 Effects on Tissues and Organs (including hereditary and prenatal effects)
- I.2.3 Radiopathology
- I.2.4 Radio-epidemiology
- II.1.1 Evolving International Safety Regime
- II.1.2 National Infrastructures
- II.1.3 Education, Training and Staffing
- II.1.4 Safety and Security of Radiation Sources
- II.2.1 Scope of Radiation Protection
- II.2.2 Protection of the Public & Environment
- II.2.3 Occupational Protection
- II.2.4 Protection of Patients
- II.3.1 Nuclear and Radiological Emergencies
- II.3.2 Medical Response in Emergencies
- II.3.3 Emergency Aftermath and Recovery
- III.1.1 Nuclear Reactors
- III.1.2 Nuclear Fuel-Cycle Facilities
- III.1.3 Decommissioning and Restoration
- III.1.4 Radioactive Waste Management
- III.2.1 Power Frequency Electric and Magnetic Fields
- III.2.2 Mobile Telecommunications
- III.2.3 Optical Radiation and Ultrasound
- III.2.4 Emerging EMF Technologies
- III.3.1 RP in Diagnostic Radiology
- III.3.2 RP in Interventional Radiology
- III.3.3 RP in Nuclear Medicine
- III.3.4 RP in Radiotherapy
- III.4.1 Uranium Mining and Processing
- III.4.2 Other Minerals Mining and Processing
- III.4.3 Oil and Gas
- III.4.4 NORM and Radon Issues in Building
- III.5.1 Transport of Radioactive Materials
- III.5.2 Industrial, Research Applications and Security Screening
- III.5.3 Radon and the Public
- III.5.4 Flights and Space

ORGANISATIONAL STRUCTURE

The basic organisational scheme of IRPA 12 will be as follows (see IRPA 12 Schedule):

- An **Opening Ceremony**
  which will include:
  - **Welcome Addresses Session** and
  - **Sievert Lecture Session**

- Four **Background Plenary Sessions (BPS)**
  which will provide background information on major international issues in each field. These will be plenary sessions with a panel of speakers, with each speaker giving a presentation, followed by time enough for general discussion. IRPA 12 will have 4 BPS linked to the main technical fields.

- Thirty eight **Topical Sessions (TS)**
  parallel sessions in which specific topics of the thematic series will be presented, analysed and discussed. IRPA 12 will offer 3 or 4 TS per each of the ten scientific areas. Total: 38 TS run as 8 groups of four or five simultaneous-sessions on Monday 20 October, Tuesday 21 October and Thursday 23 October. The 38 TS are linked with the ten scientific areas as presented in table in page 10.
  Each TS will include a Keynote Address aimed at summarizing the state-of-the-art on the topic, short presentations of papers selected by the Program Committee for oral presentation, a summary by a Rapporteur of all the papers accepted for the TS, and an open discussion involving the keynote speaker, the authors and the audience.

- **Poster Sessions (PS)**
  in which the accepted contributions will be exhibited and authors will be ready to present and discuss their work. Posters will be displayed for at least two days: one half during Monday and Tuesday; the second half during Wednesday and Thursday.

- Three Main Fields **Concluding Plenary Sessions (CPS)**
  IRPA 12 will have 3 TCS (one per each of the Main Fields), subdivided according to the Scientific Areas. These will be whole attendance sessions with a panel of speakers who will summarise the highlights and

present the conclusions (H&C) of each Topical Session. The H&C will be prepared and presented by the Chairpersons of each TS or by ICPC members.

- **A Final Plenary Session** (FPS)
  where the **President of IRPA 12** will present the Congress Final Report containing the Congress's Findings and Recommendations.

- **A Closing Ceremony**
  which will include the award of the **Gold Medal** and **IRPA 12 Awards**.

TRAINING ACTIVITIES

- **Refresher courses (RC)**
  early morning lectures by specialists (knowledge, expertise, good communication skills), in which updated information on a very precise topic is offered. IRPA 12 will offer 20 refresher courses (5 courses per day in parallel, Tuesday 21 October to Friday 24 October, 8:00-9:00).

- **Seminars**
  different topics of a theme are addressed by a team of specialists. IRPA 12 will offer 3 five-hour-seminars in parallel, on Wednesday 20 October, from 14:00 to 19:00.

TRAINING PROGRAMME

The Training Programme will provide Congress participants with an opportunity to update their knowledge in specific areas of radiation protection or professional activity. Accreditation of the Training Programme is being negotiated with the American Academy of Health Physics.

Twenty refresher courses will be delivered by selected instructors according to their outstanding expertise and competence in teaching. The courses are offered in five parallel sessions each morning, Tuesday through Friday, beginning at 8:00.

Quality texts are being prepared and will be available on the IRPA website after the Congress. The careful preparation and review of material presented will ensure that these texts constitute a basic reference material of value for some years beyond IRPA 12.

Additionally to Refresher Courses, three five hours Seminars will be delivered in parallel, on Wednesday 20 October, from 14:00 to 19:00. Different topics around a given theme will be addressed by a team of specialists selected by their knowledge, expertise and good communication skills.

The names of the Refresher Courses and Seminars lecturers will be made available on the Congress web site *www.irpa12.org.ar*.

The schedule and topics for the Refresher Courses and Seminars are listed below:

REFRESHER COURSES

▶ Tuesday 21 October 2008 (8:00 – 9:00)

RC-1. External dosimetry. Dosimetry in new radiotherapeutic techniques.
RC-2. Cellular and molecular effects. Non-targeted biological effects of ionising radiation.
RC-3. Regulatory infrastructure and basic administration of radiation safety. Implementing the regulatory authority information system (RAIS).
RC-4. Security of radioactive sources. Implementing the Code of Conduct and the export/import guidance.
RC-5. Diagnostic reference levels in medical practice. Establishing diagnostic reference levels in medical practice.

▶ Wednesday 22 October 2008 (8:00 – 9:00)

RC-6. Internal dosimetry. The science and art of internal dose assessment.
RC-7. Epidemiology. Epidemiological methods on residential radon and cancer risk.
RC-8. Knowledge management in nuclear science and technologies.
RC-9. Environmental surveillance programs and dose assessment. Characterization of individual members of the public.
RC-10. ALARA and professional networks. Promoting optimization of protection through professional networking.

▶ Thursday 23 October 2008 (8:00 – 9:00)

RC-11. NIR measurements. Principles and practices of EMF characterization and measurements.
RC-12. Biological dosimetry. "Early Biodosimetry Response: Recommendations for Mass-casualty Radiation Accidents and Terrorism".
RC-13. Consequence management of malevolent use of radioactive material.
RC-14. Radiation protection in diagnostic radiology. Optimization of protection in paediatric radiology.
RC-15. Radon monitoring and control of radon exposure.

▶ Friday 24 October 2008 (8:00 – 9:00)

RC-16. Implementation of the international obligations on emergency notification and response.
RC-17. Radiation protection in waste management and disposal. Implementing the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management.
RC-18. Shielding of medical facilities. Shielding design considerations for PET-CT facilities.
RC-19. Safe transport of radioactive materials. Security in the transport of radioactive materials.
RC-20. Radiation protection in industrial applications of radioactive sources. Prevention of accidents in gammagraphy.

SEMINARS

▶ **Wednesday 22 October 2008 (14:00 – 19:00)**

Seminar 1. Radiological protection of patients.

Seminar 2. Radiation protection in NORM industries.

Seminar 3. Radiation protection in the nuclear industry.

ICNIRP WORKSHOP

SESSIONS

Session 1. Tuesday – 21 October 2008 – Introduction to NIR

Session 2. Tuesday – 21 October 2008 – Physical Aspects of EMF

Session 3. Tuesday – 21 October 2008 – Biological and Health Effects (static, ELF)

Session 4. Tuesday – 21 October 2008 – Biological and Health Effects (RF)

Session 5. Wednesday – 22 October 2008 – Risk Assessment and Protection Measures

Session 6. Wednesday – 22 October 2008 – UV Radiation

Session 7. Wednesday – 22 October 2008 – Visible and Infrared Radiation

Session 8. Wednesday – 22 October 2008 – Latin American Experiences

Session 9. Wednesday – 22 October 2008 – New Challenges in NIR Protection

LECTURES

▷ Welcome

▷ History and role of ICNIRP

▷ Session 1
Basic approach to NIR protection
The electromagnetic spectrum: sources and characteristics
International activities (WHO, IARC, ICNIRP)

▷ Session 2
Dosimetry
Challenges in RF exposure assessment
New EMF technologies

▷ Session 3
Biological and health effects of static and ELF fields
Epidemiogical studies on static and ELF fields

▷ Session 4
Biological studies on RF fields
Epidemiogical studies on RF fields

▷ Session 5
Basis for the development of standards
Protection policies for static and ELF fields
Protection policies for RF fields

▷ Session 6
Cellular mechanisms of UV radiation exposure
Nature, hazards and benefits of Solar UVR
UV workers: Exposure and protection

▷ Session 7
Ocular effects of optical radiation
Laser radiation: Bioeffects and protection
Broadband optical radiation: Bioeffects and protection

▷ Session 8
Overview of standards and policies in Latin America
Standards for ELF fields: the experience of Argentina
ELF fields and health: activities in Brazil
Mobile telephony and health: the experience of Peru

▷ Session 9
New challenges in NIR protection

CONGRESS SCHEDULE

Time	Sunday 19 Octubre 2008	Monday 20 October 2008					Tuesday 21 October 2008					
8:00 – 8:30		REGISTRATION					RC-1	RC-2	RC-3	RC-4	RC-5	RC-
8:30 – 9:00												
9:00 – 9:30		OPENING & SIEVERT LECTURE					ICNIRP WORKSHOP	TS I.1.3 Biological Dosimetry	TS I.2.3 Radiopathology	TS II.1.3. Education, Training and Staffing	TS II.2.3 Occupational Protection	ICNIRP WORKSHOP
9:30 – 10:00												
10:00 – 10:30												
10:30 – 11:00							Coffee Break / Industrial Exhibition					
11:00 – 11:30		Coffee Break / Industrial Exhibition					ICNIRP WORKSHOP	TS I.2.4 Radio-epidemiology	TS II.3.2 Medical Response in Emergencies	TS II.1.4 Safety and Security of Radiation Sources	TS II.2.4 Protection of Patients	ICNIRP WORKSHOP
11:30 – 12:00		BACKGROUND PLENARY I Epistemology of Radiation Protection Status of Levels and Effects of Radiation (UNSCEAR / WHO)										
12:00 – 12:30												
12:30 – 13:00		WORKING LUNCH					WORKING LUNCH					
13:00 – 13:30												
13:30 – 14:00												
14:00 – 14:30	IRPA COMMITTEES MEETINGS	TS I.1.1 External Exposure to Ionizing Radiation	TS I.2.1 Effects on Molecules, Organelles and Cells	TS II.1.1 Evolving International Safety Regime	TS II.2.1 Scope of Radiation Protection	TS II.3.1 Nuclear and Radiological Emergencies	ICNIRP WORKSHOP	POSTER	POSTER	POSTER	POSTER	ICNIRP WORKSHOP
14:30 – 15:00												
15:00 – 15:30												
15:30 – 16:00		Tea Break / Industrial Exhibition					Tea Break / Industrial Exhibition					
16:00 – 16:30	IRPA ASSOCIATE SOCIETIES FORUM	POSTER	POSTER	POSTER	POSTER	POSTER	ICNIRP WORKSHOP	CONCLUDING PLENARY I Epistemology of Radiation Protection I.1 Characterization Of Radiation Exposure I.2 Biological Effects				ICNIRP WORKSHOP
16:30 – 17:00												
17:00 – 17:30		TS I.1.2 Internal Exposure	TS I.2.2 Effects of Tissues and Organs (incl. Hereditary and Prenatal Effects)	TS II.1.2 National Infrastructures	TS II.2.2 Protection of the Public and the Environment	TS II.3.3 Emergency Aftermath and Recovery	BACKGROUND PLENARY II Radiation Protection Paradigm Harmonization of Recommendations (ICRP / ICNIRP / ICRU)					
17:30 – 18:00												
18:00 – 18:30												
18:30 – 20:00		POSTER ROOMS OPEN					POSTER ROOMS OPEN					

REGISTRATION

Wednesday 22 October 2008					Thursday 23 October 2008					Friday 24 October 2008				
6	RC-7	RC-8	RC-9	RC-10	RC-11	RC-12	RC-13	RC-14	RC-15	RC-16	RC-17	RC-18	RC-19	RC-20
	CONCLUDING PLENARY II Radiation Protection Paradigm II.1 Developing the RP Framework II.2 Developing Protection Policies, Criteria, Methods and Culture II.3 Emergency Planning, Preparedness and Response				TS III.2.1 Power Frequency Electric and Magnetic Fields	TS III.1.1 RP in Nuclear Reactors	TS III.3.1 RP in Diagnostic Radiology	TS III.4.1 NORM. Uranium Mining and Processing	TS III.5.1 RP in Transport of Radioactive Materials	BACKGROUND PLENARY IV Stakeholder Involvement in Decision-Making				
Coffee Break / Industrial Exhibition					Coffee Break / Industrial Exhibition					CONCLUDING PLENARY III Radiation Safety in Practice III.1 Nuclear Installations III.2 NIR III.3 Medicine III.4 Norm in Industry III.5 Other Applications and Practices				
	BACKGROUND PLENARY III Radiation Safety in Practice Towards an International Safety Regime (IAEA, EC, FAO, ILO, NEA/OECD, PAHO, WHO)				TS III.2.2 Mobile Telecommunications	TS III.1.2 RP in the Nuclear Fuel Cycle Facilities	TS III.3.2 RP in Interventional Radiology	TS III.4.2 NORM. Other Minerals Mining and Processing	TS III.5.2 RP in Industrial, Research Applications and Security Screening	Coffee Break / Industrial Exhibition				
										SPECIAL PLENARY SESSION ICRP – 80th ANNIVERSARY				
										FINAL PLENARY SESSION Towards Global Radiation Protection (Conclusions and Recommendations) GOLD MEDAL & IRPA 12 AWARDS & CLOSING CEREMONY				
WORKING LUNCH					WORKING LUNCH									
	SEMINAR 1	SEMINAR 2	SEMINAR 3	IRPA GENERAL ASSEMBLY	TS III.2.3 Optical Radiation and Ultrasound	TS III.1.3 Decommisioning and Restoration	TS III.3.3 RP in Nuclear Medicine	TS III.4.3 Oil and Gas	TS III.5.3 Radon and the Public					
				POSTER										
Tea Break / Industrial Exhibition					Tea Break / Industrial Exhibition									
	SEMINAR 1	SEMINAR 2	SEMINAR 3	IRPA GENERAL ASSEMBLY	POSTER	POSTER	POSTER	POSTER	POSTER					
					TS III.2.4 Emerging EMF Technologies	TS III.1.4 Radioactive Waste Management	TS III.3.4 RP in Radiotherapy	TS III.4.4 NORM and Radon Issues in Building	TS III.5.4 RP in Flights and Space					
				POSTER										
POSTER ROOMS OPEN					POSTER ROOMS OPEN									

CALL FOR PAPERS

The ICPC Committee invites to submit papers on the Topics of the IRPA 12 Scientific Program. For more information see the Congress Schedule.

SUBMISSION OF ABSTRACTS

- Abstracts may be submitted on any of the suggested topics for papers / posters listed in the table on pages 10-11.
- All abstracts must be written in English.
- Abstracts must be 250-500 words in length and should be submitted via Internet. Please, access the address **www.irpa12.org.ar**, and follow the instructions to download the template for submission of abstracts. A message acknowledging receipt of the abstract will be sent.
- The reference of the Topical Session to which the abstract relates must be specified.
- The abstract should clearly summarise the proposed content of the full paper, including any major scientific findings or conclusions. An additional page showing data in graphical or tabular form is acceptable and may be beneficial for review, but should not be referenced in the abstract, since it will not be published in the Book of Abstracts.
- The acceptance of abstracts will be based on their scientific and technical quality and clarity of presentation.
- Because of time limitations, it will not be possible to accept all qualified abstracts for oral presentation. Accepted papers will generally be presented as Posters.
- A limited number of papers will be selected for presentation during the Topical Sessions, with the aim of building sessions of the highest interest on a given topic. Selection of speakers for Topical Sessions will be competitive and based upon the relevance to the session, the scientific and technical quality and the clarity of the information presented in the abstract.
- The overall contents of the papers presented in the poster sessions will be summarised at the corresponding Topical Session by a rapporteur.

- **The abstract must be received by the deadline of 1 December 2007. Abstracts received after this date will not be accepted.**

Please note that submission of an abstract does not constitute registration for the Congress. Registration for the IRPA 12 Congress requires completion of the Registration Form and payment of fees.

- For those unable to use the model template (at **www.irpa12.org.ar**) the following layout should be followed:

Page size	A4 (21 cm x 29.7 cm) - vertical (portrait) orientation
Margins	Left/right: 2.5 cm Top: 2 cm Bottom: 2.7 cm
Line spacing	Single
Justification	Full
Font	Times New Roman (only)
Point size	Title: 14 point, bold Authors: 12 point, bold Affiliation: 12 point, italic Main text: 12 point, regular Keywords: (3 to 6) 12 point, bold italic
Length	250 to 500 words
Presentation	A second page showing data in graphs or tables could be acceptable if the authors consider it beneficial for the review, but should not be referenced in the abstract, since it will not be published in the Book of Abstracts.

NOTIFICATION OF ACCEPTANCE

- The first author of accepted paper will be notified of acceptance or rejection of the abstract, and the session to which her/his paper has been assigned before **15 April 2008.**

- At that time, the notification will also specify if the paper has been selected for oral presentation in one of the Topical Sessions.

- Authors of accepted papers will receive by electronic mail their notification with detailed instructions for poster preparation or oral presentation and the

full paper for publication in the Congress Proceedings. Full papers shall be limited to ten pages including figures, tables and references.

- At least one author must be registered for the Congress before sending the Full Paper for publication.

- Full papers should be submitted via Internet. Please, access the address **www.irpa12.org.ar** and follow the instructions to download the template for submition of full papers. A message acknowledging receipt of the full paper will be sent.

- Full papers must be received before the deadline of **1 July 2008**. Full papers received after this deadline will not be included in the Proceedings, but only the abstract.

IMPORTANT DATES

Abstracts reception deadline	→	**1 December 2007**
Notification of acceptance	→	**15 April 2008**
Submission of full papers	→	**1 July 2008**
IRPA 12 Congress	→	**19-24 October 2008**

PUBLICATION OF PROCEEDINGS

The Proceedings of IRPA 12 will be published by the International Atomic Energy Agency. They will include all welcome and keynote addresses, all the accepted papers and records of the discussions.

- Participants will be provided with a Book of Abstracts at the time of the Congress.
- The full Proceedings will be prepared on a CD-ROM which will be attached to the Book of Abstracts.
- Additional copies of the CD-ROM will be available for purchase at the Congress venue.
- After the Congress, the full content of the Proceedings will be posted on the IRPA 12 web site.

GRANTS

The main aim of the International Congress Support Committee (ICSC), composed of members from national and international organizations, ***is to help radiation protection professionals, especially young ones, from developing countries, to attend the IRPA 12 Congress***. Creating opportunities to get professionals attend this event is crucial due to the rapid and significant development in radiation protection and the continuous increase in number and complexity of nuclear and radiation technologies worldwide. Participation of these professionals, will not only allow them to benefit from a renewed scientific programme and refresher training in radiation protection, but more importantly is their contribution to the debate on how to face the new related challenges and implement the new developments. These will include, inter alia, the implementation of the new ICRP recommendation and also to provide feedback for the revision of the International Basic Safety Standards for Protection against Ionizing Radiation and for the Safety of Radiation Sources (the BSS).

To apply for grants from these international organizations, please follow the steps below:

IAEA

IAEA

As you may be aware, the International Atomic Energy Agency's – IAEA General Conference, the highest policymaking body, recommended at its 51st regular session (17-21 September 2007), in resolution GC(51)/RES/11 on *"Measures to strengthen international cooperation in nuclear, radiation and transport safety and waste management"*, paragraph 39, that *"the General Conference welcomes the Secretariat's efforts to ensure the wide participation of developing countries in the forthcoming XII th Congress of the International Radiation Protection Association, "Strengthening Radiation Protection Worldwide" (IRPA 12), and urges the Secretariat also to take concrete measures to ensure the early dissemination of information on this event"*.

In this respect, and subject to the technical acceptance of your paper and availability of resources, you are kindly requested to fill out and submit through your National Liaison Officer (NLO) the "IAEA Grant Application Form" available at www.irpa12.org.ar (Grants).

Please note that for each IAEA Member State participating in the Technical Cooperation Programme, a NLO has been appointed. The NLO acts as the focal point for all technical cooperation matters in his/her country. He/she is responsible for developing, supervising, coordinating technical cooperation activities in which the government is involved, including planning, programming and implementation of national, regional and interregional projects through which, subject to availability of resources, your request will be considered. One of the specific responsibilities of the NLO in this regard is to scrutinize the applications for training courses, meetings and conferences before their submission to the IAEA on behalf of the government.

Please do not hesitate to contact Mr. K. Mrabit (*k.mrabit@iaea.org*) or Ms. K. Connolly (*c.connolly@iaea.org*) if you need further clarification or assistance.

WHO

WHO

The World Health Organization (WHO) is pleased to cosponsor the XIIth Congress of the International Radiation Protection Association.

Towards the vision of a world secure from environmental health threats, WHO supports Member States to deal safely with radiation sources and respond effectively to existing and emerging health risks. To enable a wider participation of professionals in IRPA 12, **WHO will sponsor the attendance of some candidates from developing countries who have a paper accepted at IRPA 12.** More information will be available through *www.irpa12.org.ar*

PAHO

PAHO

The Pan American Health Organization (PAHO) is cosponsoring the IRPA 12 Congress. As in the previous occasions, PAHO will provide support to candidates from Latin America and the Caribbean.

The candidacies that are presented for PAHO support should be endorsed by a National Authority and presented through the PAHO/WHO Representative Office in the country of origin of the corresponding candidate. *(www.paho.org/English/PAHO/fieldoffices.htm)*

BUSINESS PROGRAMME

In order to facilitate the course of the Scientific Programme, all IRPA Committee meetings and the IRPA Associate Societies Forum will be held on Sunday 19 October. More details on the Business Programme will be posted on the IRPA and IRPA 12 web sites.

All Associate Societies will be contacted in due time for the preparation of the various IRPA Committee meetings, the Associate Societies Forum and the IRPA General Assembly.

For more information concerning the Business Programme please contact the IRPA Executive Officer at *irpa.exof@irpa.net.*

GENERAL INFORMATION

CONGRESS VENUE

The 12th International Congress of the International Radiation Protection Association (IRPA 12) will take place in Buenos Aires from 19 to 24 October 2008, at the Buenos Aires Sheraton Hotel and Convention Centre.

Address: San Martín 1225 (C1104AKC) Buenos Aires – Argentina
Phone: (54 11) 4318-9000 – Fax: (54 11) 4318-9346

CONGRESS LANGUAGE

The official Congress language will be English. The submitted abstracts, full papers, general correspondence and Congress sessions will be in English.

CERTIFICATE OF ATTENDANCE

Certificates of Attendance will be available from the Congress Secretariat office.

TECHNICAL VISITS

A number of technical visit are been arranged for the week. It will include visits to industrial and medical installations.

The places are limited and pre-booking is required. Places will be allocated on a first-come-first-served basis. The technical visits programme may not take place if a minimum number attendees is not fulfilled. More information will be available through *www.irpa12.org.ar.*

LIABILITY AND INSURANCE

The Congress Organisers will not accept any liability for personal injury or loss/damage to property or belongings of congress participants or accompanying persons, either during or as a result of the congress or during all tours or their stay in Buenos Aires.

SOCIAL PROGRAMME

The IRPA 12 International Congress Organising Committee is preparing a social programme. Beginning with the opening ceremony and reception, the programme will showcase the diversity and richness of Buenos Aires culture.

▷ Welcome Reception

Date: Monday 20
Time: Evening

▷ Tango Lessons

▷ Tango Show

Date: Tuesday 21
Time: Evening

▷ Opera Pampa Show

Date: Thursday 23
Time: 20:00
Location: La Rural
www.operapampa.com.ar/ingles_show.htm

Details about each event will be available through *www.irpa12.org.ar.*

Optional tours will provide an opportunity to experience the beauty of the city and its surrounding area. Find at *www.irpa12.org.ar* more information on the tourism operator.

REGISTRATION

All participants must submit a complete Registration Form as "Standard Participant", which may be filled on line through **www.irpa12.org.ar** until **31 August 2008**.

Thereafter, registration will be available at the Congress Venue.

For those participants who will contribute with a paper, attention should be paid to the requirement of at least one registered author (presenting author) for each paper submitted.

Registration can take place after the abstract is accepted but it should be completed before the corresponding full paper is submitted.

Registration will only be completed when the participant´s payment is credited into the IRPA 12 Congress bank account.

REGISTRATION FEES

	Before 31 August 2008	After 31 August 2008
Participant	US$ 500	US$ 650
Accompanying Person	US$ 200	US$ 300

During the Registration procedure (or later, at the Congress Venue) participants will be able to select Refresher Courses (RC), Seminars (SE) and Working Lunches (WL, including Keynote Lectures). The corresponding fees for these activities are:

	Before 31 August 2008	After 31 August 2008
RC (each one)	US$ 30	US$ 45
SE (each one)	US$ 80	US$ 120
WL (each one)	US$ 75	US$ 100

▶ Two payment options are available

- ▷ Electronic payment through PayPal
- ▷ Bank deposit (bank transfer or any other)

IRPA 12 Secretariat will send a confirmation e-mail to the participant when his/her payment is credited into the Congress bank account.

Registration fee for participants includes:

- Participation in Scientific Sessions
- Book of Abstracts and Full Papers CD-ROM
- Social Programme for participants

Accompanying persons fee includes:

- Admission to the accompanying persons lounge
- Access to the Technical Exhibition
- Admission to the Welcoming Reception
- City tour
- Tango lessons
- Tango show
- Opera Pampa Show
- Access to the Closing and Awards Ceremony

CANCELLATION

Cancellation and refund request will only be available until 30 July 2008 by sending an e-mail to *secretariat@irpa12.org.ar*. Refunded amount will be the original sum minus those charges emerged from refunding.
Any participant who could need an official letter of invitation from IRPA 12 to help him/her to obtain a visa, is invited to contact secretariat@irpa12.org.ar, specifying when he/she needs this invitation letter and any other information considered useful for this purpose.

TECHNICAL EXHIBITION

The Technical Exhibition will occupy a large section of the Congress Venue and will give the opportunity to industrial and commercial companies to show their latest developments in all the fields in which radiation protection is playing an active role. As part of the participants´ documentation, a technical exhibition guide will be provided, where all company names, products and stand location will be detailed.

Technical exhibition opening hours

Day	October 20	October 21	October 22	October 23	October 24
Hours	11:00 to 20:00	9:00 to 20:00	9:00 to 20:00	9:00 to 20:00	9:00 to 12:00

All exhibitors should keep open theirs stands throughout the entire exhibition period with at least one responsible person, capable of giving all sort of information about the company and the exhibition. Access to the exhibition will be restricted to congress members and special guests.

Exhibitors

The Technical Exhibition will be open to those companies and institutions of any nationality exhibiting products and/or services related to the radiation protection field. The spaces allocated will be for the exclusive use of the contracting parties and under no circumstances can be transferred totally or in part to third parties. Samples and material on display cannot be removed until after the exhibition is over. The only place where advertising is allowed is that allocated to the booth.

Available space

Total technical exhibition space: 280 m^2, divided into 40 booth spaces of various sizes. Booth spaces are located in such a way that they are in continuous sight and access of the Congress participants.

Booth space fee

US$ 700 each square meter.

The rent of a booth space includes

- Use of the rented space
- General area lighting
- Electric power supply of 100W per each square meter rented. Beyond this limit additional electric power will have to be requested.
- General security
- Daily cleaning of aisles
- Badges for exhibitors, not valid for participation in the scientific program, one guest badge per square meter of space, valid for visiting the exhibition but not for participation in the scientific program.

Temporary admittance of equipment

The 12th International Congress of the International Radiation Protection Association – IRPA 12 – has been declared of National Interest. The temporary import of goods is governed by Customs laws and regulatory decrees. All the arrangements for temporary admittance of equipment must be made by the exhibitors.

Application deadline

The deadline for applying is **1 July 2008**. However the application process may be closed earlier if the total number of booth spaces is reserved.

Further information and space booking rental

Alejandra Capdevila Eventos
Arenales 1985 PB – (C1124AAC) Buenos Aires – Argentina
Phone: (54 11) 4815-5783 – Fax: (54 11) 4815-5783
E-mail: *ale@sar.org.ar*
Contact person: Alejandra Capdevila

Official Technical Exhibition Services provider

Pallisó – Diseño Arquitectura Express
Gral. Rodriguez 2614 – (C1416CNF) Buenos Aires – Argentina
Phone/fax: (54 11) 4582-2163 – 4583-9370 – E-mail: *info@palliso.com.ar*
Contact Person: Mr. Claudio Rodriguez

WELCOME TO BUENOS AIRES

"Hard to believe Buenos Aires had any beginning. I feel it to be as eternal as air and water".

("A mí se me hace cuento que empezó Buenos Aires. La juzgo tan eterna como el agua y el aire".)

Jorge Luis Borges *"The Mythical Founding of Buenos Aires".* *("Fundación mítica de Buenos Aires") Translated by Alistair Reid.*

This complex, energetic, and seductive port city, which stretches south-to-north along the Río de la Plata, has been the gateway to Argentina for centuries. *Porteños*, as the multinational people of Buenos Aires are known, possess an elaborate and rich cultural identity. The lifestyle and architecture are markedly more European than any other in South America. One of the world's finest opera houses, the *Teatro Colón*, flourishes here on the plains alongside the river. *Porteños* are intensely involved in the life and culture of their city, and they will gladly share the secrets of Buenos Aires if you lend an ear and relate your own stories in return.

Buenos Aires' physical structure is a mosaic as varied and diverse as its culture. The city has no dominating monument, no natural monolith that serves as its focal point. Instead, Buenos Aires is composed of many small places, intimate details, and tiny events and interactions, each with a slightly different shade, shape, and character. Glass-sheathed skyscrapers cast their slender shadows on 19th century Victorian houses.

The city's neighbourhoods are small and highly individualized, each with its own characteristic colours and forms. In the San Telmo district, the city's multinational heritage is embodied in a varied and cosmopolitan architecture – Spanish Colonial design couples with Italian detailing and graceful French Classicism. La Boca's pressed tin houses are painted a rainbow of colours, and muralists have turned the district's side-streets into avenues of colour.

For all its diversity, the elusive spirit of Argentina as a country is present everywhere in Buenos Aires. The national dance, the tango, is perhaps the best expression of that spirit – practiced in dance halls, parks, open plazas, and ballrooms, it is a dance of intimate separation and common rhythm, combining both an elegant reserve and an exuberant passion.

Language
The official language is Spanish. Most people involved in tourist activities speak English.

Hours
The time zone corresponds to GMT-3 and currently no change is made in the summer months. Activity in Buenos Aires starts in the first hours of the day and extends until late at night.

Telephones
The country code for Argentina is 54, and the area code for Buenos Aires is 11.

Internet
There are many communications centres offering telephone, fax and broadband internet services.

Sanitary Information
Vaccination is neither obligatory nor necessary to visit Buenos Aires since the city is safe from the sanitary viewpoint.

Weather
The climate of Buenos Aires is mild all year round. The mean annual temperature is 18º C (64.4º F).

Currency
The Argentine currency is the peso ($). Banks and currency exchange offices, where you must present your passport, exchange foreign currency. Shops accept credit cards and dollars.

Religion
Argentina recognizes the freedom of worship. The official religion is that of the Roman Catholic Church. There are also other places of public worship, such as the Jewish central synagogue, and the Mosque in Palermo neighbourhood.

Shops
Shops are open Monday through Fridays, from 9:00 to 20:00, and Saturdays from 9:00 to 13:00; however, shops located in important avenues are open on Saturday afternoon. In shopping centres, hours usually extend until 22:00, including Saturdays and Sundays.

Safety
Buenos Aires is a safe city, but as in any other big city in the world, the tourist should take some precautions. For example, avoid leaving your purse or bag hanging from chairs in public places, as well as walking at night along poorly lit areas.

Banks
Banks open at 10:00 and close at 15:00. Cash extractions and other transactions may be made in ATMs, 24 hours a day.

Tax Free
VAT in Argentina amounts to 21%. For articles purchased in shops having a sign reading: TAX FREE yo can ask at the airport for VAT refund.

Electricity
In Argentina is 220 volt, 50-cycle alternating current.

Holidays
Banks, businesses and some shops close on holidays, but cinemas and theatres are open. Generally, companies offering city tours and excursions do not suspend their services. If a holiday falls on Saturday or Sunday or between Tuesday and Friday, it is generally transferred to the next or previous Monday.

Access to Buenos Aires
Ezeiza Airport is located 34 km from the Congress venue via motorway.

Neighbourhoods
Buenos Aires *barrios* (neighbourhoods) are 48 according to City bylaws. However, Buenos Aires inhabitants consider more than 48 *barrios* within the city; for example, they distinguish areas like Abasto, Congreso and Once as *barrios* (but the three of them comprise the Balvanera neighbourhoods).

Gastronomy

In Buenos Aires you can enjoy international worldwide cuisine and several typical specialities from different parts of the country. The city has specific areas where you can choose from a wide range of restaurants. Some of them are renowned because of their *parrilladas* (barbecues) while other places are well known for serving different types of pizzas. Gourmet specialities, refined and exotic dishes could be enjoyed around the city.

Moving around the city

Multiple means of transport allow you to travel around the city: five lines of subway, more than one hundred lines of buses and suburban railways services. Taxicabs are very common means of transport.

You can download Buenos Aires Tourist Guide in several languages at: www.bue.gov.ar

ACCOMMODATION

Just as a reference for IRPA 12 participants we have listed hotels located near the Congress venue (2 kilometres or less) in downtown Buenos Aires. The Argentine Radiation Protection Society does not endorse anyone of them. Walking distance door-to-door from the Congress venue to the different hotels is given in meters.

Please browse the different hotel web sites for rates information, bearing in mind that some hotel rates are in Argentinean pesos, others in US dollars, some of them include VAT and others do not.

Hotel	Category/ Distance	Address	Telephone (54 11)	Website	E-mail
Caesar Park Buenos Aires	5 ★ /···› 1362 m	Posadas 1232	4819-1100	www.caesar-park.com	hotel@caesar.com.ar
Claridge	5 ★ /···› 1022 m	Tucumán 535	4314-7700	www.claridge.com.ar	inforeservas@claridge.com.ar
Emperador	5 ★ /···› 1080 m	Av del Libertador 420	4131-4000	www.hotel-emperador.com.ar	info@hotel-emperador.com.ar
Feir's Park All Suites	5 ★ /···› 806 m	Esmeralda 1366	4131-1900	www.feirspark.com.ar	reservations@feirspark.com.ar
Four Seasons	5 ★ /···› 1207 m	Posadas 1086	4321-1200	www.fourseasons.com/buenosaires	
Hilton	5 ★ /···› 2070 m	Macacha Guemes 351	4891-0000	www.hilton.com/en/hi/hotels/index.jhtml?ctyhocn=BUEHIH	hiltonba@mail.com
Hotel 725 Buenos Aires	5 ★ /···› 1850 m	Roque Saenz Peña 725	4131-8000	www.725buenosaireshotel.com	reservas@725buenosaireshotel.com
Marriott Plaza	5 ★ /···› 475 m	Florida 1005	4318-3000	www.marriott.com/property/propertypage/BUEAR	plazahotel@marriott.com.ar
Melía	5 ★ /···› 569 m	Reconquista 945	4891-3800	www.solmelia.com	melia.buenos.aires@solmelia.com
Panamericano	5 ★ /···› 1625 m	Carlos Pellegrini 551	4348-5000	www.panamericano.us	reservas@panamericano.us
Regal Pacific	5 ★ /···› 812 m	25 de Mayo 764	4310-7000	www.regal-pacific.com/bs	reservas@regalpacific.com
Sheraton Buenos Aires	5 ★ /···› 0 m	San Martín 1225	4318-9000	www.starwoodhotels.com/sheraton/index.html	reservas@sheraton.com.ar
Sheraton Libertador	5 ★ /···› 895 m	Cordoba 690	4321-0000	www.starwoodhotels.com	reservas@sheraton.com.ar
Sofitel	5 ★ /···› 770 m	Arroyo 841-849	4131-0000	www.sofitel.com	H3253-re@accor.com
Amerian	4 ★ /···› 890 m	Reconquista 699	5032-5100	www.amerian.com	reservasbue@amerian.com
Argenta Tower	4 ★ /···› 737 m	Juncal 868	4325-4100	www.argenta-tower.com.ar	info@argenta-tower.com.ar
Bisonte Palace Hotel	4 ★ /···› 939 m	M. T. de Alvear 902	4328-4751	www.hotelesbisonte.com	bispal@iname.com
Carlton	4 ★ /···› 1305 m	Libertad 1180	4812-0081	www.solans.com/ingles/carlton	hotelcarlton@solans.com
Carsson	4 ★ /···› 968 m	Viamonte 650	4131-3800	www.hotelcarsson.com.ar	info@hotelcarsson.com.ar
Clarion Hotel Aspen Towers	4 ★ /···› 857 m	Paraguay 857	4313-1919	www.aspentowers.com.ar	hotel@aspentowers.com.ar
Colon	4 ★ /···› 1681 m	Carlos Pellegrini 507	4320-3500	www.colon-hotel.com.ar	reservas@colon-hotel.com.ar
Crillon	4 ★ /···› 763 m	Av. Santa Fe 796	4310-2000 / 2020	www.hotelcrillon.com.ar	info@hotelcrillon.com.ar
Da Vinci	4 ★ /···› 1365 m	Tucumán 857	5031-8002	www.davincihotel.com.ar	reservas@davincihotel.com.ar
Dazzler Libertad	4 ★ /···› 1462 m	Libertad 902	4816-5005	www.dazzlerlibertad.com	reservas@dazzlerlibertad.com
Dazzler Suites	4 ★ /···› 872 m	Suipacha 1359	5217-5700	www.dazzlersuites.com	reservas@dazzlersuites.com
Dazzler Tower	4 ★ /···› 562 m	San Martín 920	5356-7700	www.dazzlertower.com	reservas@dazzlertower.com
Dazzler Tritone	4 ★ /···› 1091 m	Maipú 657	5217-5700	www.dazzlertritone.com	reservas@dazzlertritone.com
De las Americas	4 ★ /···› 1429 m	Libertad 1020	4816-3432	www.grupoamericas.com.ar	resevas@grupoamericas.com.ar
Dolmen	4 ★ /···› 954 m	Suipacha 1069	4311-9000	www.hoteldolmen.com.ar	reservasl@hoteldolmen.com.ar
El Conquistador	4 ★ /···› 1008 m	Suipacha 948	4328-3012	www.elconquistador.com.ar	hotel@elconquistador.com.ar
Elevage	4 ★ /···› 725 m	Maipú 960	4891-8000	www.elevage.com.ar	hotel@elevage.com.ar
Facón Grande	4 ★ /···› 961 m	Reconquista 645	4312-6360/69	www.hotelfacongrande.com	reservas@hotelfacongrande.com
Gran Hotel Buenos Aires	4 ★ /···› 755 m	M. T. de Alvear 767	4312-3003	www.granhotelbue.com.ar	reservas@granhotelbue.com.ar

Listed hotels are located within the area circumscribed by the red line

0 *Congress venue*
Buenos Aires Sheraton Hotel and Convention Center
San Martín 1225
(C1104AKC) Buenos Aires – Argentina
website:www.starwoodhotels.com

Gran Hotel Dorá	4 ★ / ···› 721 m	Maipú 963	4312-7391	www.dorahotel.com.ar	mail@dorahotel.com.ar
Howard Johnson Plaza	4 ★ / ···› 580 m	Florida 944	4891-9200	www.hjflorida.com.ar	hjplaza@hjflorida.com.ar
NH Florida	4 ★ / ···› 661 m	San Martín 839	4321-9850	www.nh-hotels.com/listapaises/sp/america/argentina/buenos_aires.html	nhflorida@nh-hotels.com
Park Central	4 ★ / ···› 1990 m	Roque Sáenz Peña 1174	6777-0300	www.kempinski.com	reservations.parkplazahotels@kempinski.com
Park Château	4 ★ / ···› 1515 m	Talcahuano 1253	6777-0400	www.parkplazahotels.com	reservations.parkplazahotels@kempinski.com
Posta Carretas	4 ★ / ···› 1139 m	Esmeralda 726	4394-8372	www.postacarretas.com.ar	reservas@postacarretas.com.ar
Presidente	4 ★/ ···› 1365 m	Cerrito 850	4328-4740/41	www.hotelpresidente.com	reservas@hotelpresidente.com.ar
Principado	4 ★ / ···› 723 m	Paraguay 481	4313-3022	www.principado.com.ar	hotel@principado.com.ar
Reconquista Plaza	4 ★/ ···› 1017 m	Reconquista 602	4311-4600	www.hotelesreconquista.com.ar	ventas@hotelesreconquista.com.ar
Regente Palace Hotel	4 ★ / ···› 987 m	Suipacha 964	4328-6800	www.regente.com	info@regente.com
Rochester Classic	4 ★ / ···› 1367 m	Esmeralda 542	4326-6076	www.rochester-hotel.com.ar	reservations@rochester-hotel.com.ar
Sheltown Hotel	4 ★ / ···› 721 m	M. T. de Alvear 742	4312-5070	www.hotelsheltown.com.ar	reservas@hotelsheltown.com.ar
Vista Sol	4 ★ / ···› 1084 m	Tucumán 451	5238-8123 5256-0357/358	www.vistasolhotels.com/vistasolbuenosaires/index.html	reservasbue@vistasolhotels.com
Embajador	3 ★ / ···› 1043 m	Carlos Pellegrini 1181	4326-5302	www.embajadorhotel.com.ar	info@embajadorhotel.com.ar
Gran Hotel Orly	3 ★ / ···› 714 m	Paraguay 474	4312-5344	www.orly.com.ar/principal.html	info@orly.com.ar
Impala	3 ★ / ···› 1301 m	Libertad 1215	4816-0430	www.hotelimpala.com.ar	reservas@hotelimpala.com.ar
Promenade	3 ★ / ···› 546 m	M. T. de Alvear 444	4312-5681	www.hotelpromenade.com.ar	info@hotelpromenade.com.ar
Victory Hotel	3 ★ / ···› 805 m	Maipú 880	4314-8415	www.victoryhotel.com.ar	ma.vh@victoryhotel.com.ar
Waldorf	3 ★ / ···› 685 m	Paraguay 450	4312-2071 / 79	www.waldorf-hotel.com.ar	info@waldorf-hotel.com.ar
Central Cordoba	2 ★ / ···› 435 m	San Martín 1021	4311-1175	www.hotelcentralcordoba.com.ar	
Diplomat	2 ★ / ···› 565 m	San Martín 918	4311-9370 / 2718	www.hoteldiplomat.com.ar	diplomat@sinectis.com.ar
Tres Sargentos	2 ★ / ···› 696 m	Tres Sargentos 345	4312-6081		tresargentos@hotmail.com
Broadway All Suites	Appart/ ···› 2008 m	Corrientes 1173	4378-9250	www.broadway-suites.com.ar	hotel@broadway-suite.com.ar
Catalinas suites	Appart/ ···› 1127 m	Tucumán 313	4314-1400	www.suitescatalinas.com.ar	reservas@suitescatalinas.com.ar
Crystal Suites	Appart/ ···› 1720 m	Uruguay 820	5811-4169 5811-4173	www.crystalsuites.com.ar	info@crystalsuites.com.ar
Loisuites	Appart/ ···› 858 m	M. T. de Alvear 842	4131-6800	www.loisuites.com.ar	edesmare@loisuites.com.ar
Plaza San Martín Suites	Appart/ ···› 922 m	Suipacha 1092	5093-7000	www.plazasanmartin.com.ar	info@plazasanmartin.com.ar
Esplendor	Boutique/···› 749 m	San Martín 780	5217-5700	www.esplendorbuenosaires.com	reservas@esplendorbuenosaires.com

VISITING ARGENTINA

Argentina's main characteristic is the enormous contrast between the immense eastern plains and the impressive Andes mountain.
To the west, the country is bordered from north to south by the Andes Mountain Range of an amazing beauty that changes with the variety of its climates. From the northern desert mountains with cactus covered slopes crossed by multicoloured canyons, to the humid and cold forests of the Patagonian Andes, with glaciers, snow-covered peaks, dense forests and lakes of crystalline water.

Amazing landscapes to enjoy!

Unique natural sceneries

Argentina offers its visitors an infinity of options along its extensive territory, with important urban attractions and a geographical diversity that allows tourists to enjoy all kinds of landscapes, climates and activities, not only to carry out traditional tourism but also adventure tourism.

National Secretariat of Tourism:
www.sectur.gov.ar/eng/menu.htm
info@turismo.gov.ar

To the north-east, the "Litoral" is a region of virgin forests, large rivers and exuberant flora and fauna, where stunning natural phenomena can be found such as the Cataracts of Iguazú.
In the centre extends the "*Pampa*" (prairie), an extensive fertile plain that seems to have no end, where most of the agricultural and cattle raising activity of the country is carried out.
To the south, the "Patagonia" offers a rustic and desert landscape, with a coast rich in marine species such as penguins, seals and marine elephants, whales and all kinds of birds.

Airpass

Due to the country's large size, planes are best to travel long distances. Buying Airpass Visit Argentina in your own country, you'll obtain more economical prices for flights within Argentina.

Photography L Galuzzi – Wikipedia Common

Argentina is looking forward to welcoming you in Buenos Aires in October 2008