

# RADIATION PROTECTION: FROM KNOWLEDGE TO ACTION



**15-19 MAY 2006  
PARIS - FRANCE**

**- Cité des sciences et de l'industrie**

## SECOND ANNOUNCEMENT CALL FOR PAPERS

**Second European IRPA Congress on Radiation Protection**



**SFRP**  
Société Française de Radioprotection





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André Aurengo FRANCE

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Thierry Vial	FRANCE



## MESSAGE FROM THE CONGRESS PRESIDENT

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The Second European International Radiation Protection Association (IRPA) Congress to be held in Paris, from May 15<sup>th</sup> to May 19<sup>th</sup> 2006, will be organised by the French Society for Radiation Protection (SFRP). This European Congress, a global forum on the Radiation Protection field, will be a unique opportunity to present papers on and debate about all those subjects which will determine the future of this speciality, ranging from the scientific data and questions about biological radiation effects, to the regulation and practice of radiation protection. This includes the control of exposure to natural radiation, to professional and medical radiations, the evolution of the radiological protection system, the protection against non-ionising radiation and the participation of the public with respect to more sensitive questions. This multidisciplinary approach, which covers a broad panel of skills, gives us the opportunity to propose you a “Radiation Protection: from Knowledge to Action” tour.

The work during the Congress will be carried out on a theme basis, led by renowned experts as invited speakers, with refresher courses, panel sessions, poster sessions for author communications, some of which will be selected for oral presentations, and enough time to actively participate in discussions. The highlights and conclusions will be presented in a plenary session.

The Technical Exhibition, which will occupy a large special section of the Congress venue, 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.

The SFRP wants to express its enthusiasm as organiser of this important Congress. We are proud to welcome international colleagues in Paris, a capital with worldwide recognition. We are working hard not just to ensure a professional and fruitful Congress but also to provide all the participants with a pleasant, friendly and memorable visit.

**André Aurengo**



## CONGRESS SCHEDULE

2006	MONDAY 15 MAY	TUESDAY 16 MAY		WEDNESDAY 17 MAY		
08:00 09:00		Registration		Refresher Course RC-1	Refresher Course RC-2	Refresher Course RC-3
09:00 10:30		Opening Ceremony Keynote lectures		Plenary Panel 2 Radiation Protection in Medicine		
10:30 11:00		Coffee break Exhibition		Coffee break Exhibition		
11:00 12:30		Plenary Panel 1 The Scientific Bases of Radiation Protection		Thematic Session E		Thematic Session F
12:30 14:00		Lunch Exhibition		Lunch Exhibition		
14:00 15:30		Thematic Session A	Thematic Session B	Poster Session 1		
15:30 16:00		Coffee break Exhibition		Coffee break Exhibition		
16:00 18:00	Registration Welcome Cocktail	Thematic Session C	Thematic Session D	Thematic Session G	IRPA Associated Societies Forum	
19:00 23:00						

## CONGRESS SCHEDULE

THURSDAY 18 MAY			FRIDAY 19 MAY		
Refresher Course RC-4	Refresher Course RC-5	Refresher Course RC-6	Refresher Course RC-7	Refresher Course RC-8	Refresher Course RC-9
Plenary Panel 3 Occupational Radiation Protection			Plenary Panel 4 Radiation Protection and Society		
Coffee break Exhibition			Coffee break Exhibition		
Thematic Session H	Thematic Session I		Highlights & Conclusions Closing Ceremony		
Lunch Exhibition					
Poster Session 2					
Coffee break Exhibition					
Thematic Session J	Thematic Session K				
Congress Dinner					



## REFRESHER COURSES

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Early morning Refresher Courses, led by distinguished specialist, will allow all participants to update knowledge on several themes related to radiation protection. The courses are offered in three parallel sessions each morning, from Wednesday through Friday, beginning at 08:00.

To participate in the Refresher Courses, please complete the Registration Form through the website registration system: [www.irpa2006europe.com](http://www.irpa2006europe.com)

### WEDNESDAY 17 MAY 2006

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**RC-1:** Cellular Responses to Low Doses of Ionising Radiations: What do they tell about the LNT Hypothesis?

*Mats HARMS-RINGDAHL, Sweden*

**RC-2:** What is going on in Internal and External Dosimetry?

*Klaus HENRICHS, Germany*

**RC-3:** Orphan Sources - Extending Radiological Protection outside the Regulatory Framework

*Eugenio GIL LOPEZ, Spain*

### THURSDAY 18 MAY 2006

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**RC-4:** Biological Dosimetry *Alan EDWARDS, United Kingdom*

**RC-5:** Challenges, Problems and Solutions for Radiation Protection in Decommissioning Activities *Alexander BRANDL, Austria*

**RC-6:** Radiofrequency: Bases of Exposure Limits *Paolo VECCHIA, Italy*

### FRIDAY 19 MAY 2006

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**RC-7:** Application of Diagnostic Reference Levels in Medical Practices *Michel BOURGUIGNON, France*

**RC-8:** Planning and Preparedness for Malicious Acts *John CROFT, United Kingdom*

**RC-9:** Radiation Protection of Environment under the Light of the New Concept of Radiation Protection of Non-Human Species *Hansruedi VÖLKLE, Switzerland*



## CALL FOR PAPERS

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### SUBMISSION OF ABSTRACTS

- Abstracts should be submitted **ONLY** through the IRPA website ([www.irpa2006europe.com](http://www.irpa2006europe.com)). Please, access the website and follow the instructions. A message acknowledging receipt of abstract will be sent.
- Abstracts may be submitted on any of the 10 Scientific Thematic Areas listed on pages 9-11.
- All abstracts must be written in English.
- Abstracts must be submitted using the mandatory template to be downloaded from the website. Abstract text should fit within the frame of the template. Abstracts should not exceed 500 words in length for a text without tables and/or graphs. Tables and/or graphs should be avoided in the abstract unless essential for review. Tables, graphs and/or pictures will have to be included in the full papers of accepted abstracts.
- The abstract should clearly summarise the proposed content of the full paper, including any major scientific findings and conclusions.
- Acceptance of abstracts will be based on their scientific and technical quality and clarity of presentation.
- Authors are requested to indicate a preference for a type of presentation (poster or oral). However, due to time limitations, it may not be possible to accept all qualified abstracts for oral presentation. Accepted papers will generally be presented as Posters.
- With the aim of building sessions of the highest interest on a given topic, selection of speakers for Thematic 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 submission of an abstract does not constitute registration for the Congress. Registration requires completion of the Registration Form and arrangements for the payment of fees.

Abstracts must be received by **15 September 2005**.  
Abstracts received after this deadline will not be accepted.



## NOTIFICATION OF ACCEPTANCE / FULL PAPERS

- Authors will be informed by e-mail before **15 December 2005** about acceptance or rejection of the submitted abstract(s).
- For accepted abstracts, the notification will specify if the paper has been selected for oral or poster presentation and the Thematic Session to which the paper has been assigned.
- Detailed instructions will be given for the preparation of the poster or oral presentation and also for the full paper to be published in the Congress Proceedings. Full papers will be limited to no more than 10 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 must be received by **1<sup>st</sup> March 2006**.  
Full papers received after this deadline will not be included  
in the Proceedings, but only the abstract.

## IMPORTANT DATES

15 February 2005	Opening of website for abstract submission
15 September 2005	Abstract receipt deadline
15 December 2005	Notification of acceptance
1 <sup>st</sup> March 2006	Submission of full paper



## THEMATIC AREAS FOR PAPERS

### TA-1. RADIATION EFFECTS

- Radiation Biology
- Epidemiology
- Genetic Studies
- Experimental Studies
- Human Health Effects
- Risk Factors Evaluation
- Effects on Biota and Ecosystems

### TA-2. RADIOLOGICAL PROTECTION SYSTEMS AND REGULATION

- Evolution of the Radiation Protection System
- Implementation and Impact of Present Standards
- Justification
- ALARA, Optimisation and Decision Aiding Techniques
- Action Levels, Limits and Constraints
- Exclusion, Exemption, Clearance
- Potential Exposures
- Regulation of Naturally Occurring Radioactive Materials (NORM)
- Protection of Non-Human Species and the Environment
- Safety and Security of Radiation Sources
- Dose Record Keeping and Information System
- Training and Education

### TA-3. DOSIMETRY AND INSTRUMENTATION

- Internal Exposure
- External Exposure
- Environmental Dosimetry
- Contamination
- Biological Dosimetry and Biomarkers
- Retrospective Dosimetry
- Numerical Dosimetry
- Detection Instruments



#### TA-4. RADIATION PROTECTION AT WORKPLACES

- Management and Safety Culture
- Mining and Milling
- Nuclear Power Plants
- Nuclear Fuel Cycle
- Non-Nuclear Industries
- Research and Teaching Facilities
- Accelerator Facilities
- Nuclear Fusion Facilities
- NORM and Cosmic Radiation Exposure
- Transport of Radioactive Materials

#### TA-5. RADIATION PROTECTION IN MEDICINE

- Radiation Protection of Workers in Medical Practices
- Radiation Protection of Patients in Medical Practices
- Diagnostic Radiology
- Interventional Radiology
- Nuclear Medicine
- Radiotherapy
- New Techniques
- Comforters and Carers
- Medico-Legal Issues

#### TA-6. RADIATION PROTECTION OF THE PUBLIC AND THE ENVIRONMENT

- Radon and other Natural Exposures
- Enhanced Natural Exposures
- Environmental Surveillance and Measurements
- Liquid and Gaseous Discharges
- Assessment of Doses including Modelling of Exposure Pathways
- Site Restoration and Clean up of Contaminated Areas
- Past Practices
- Terrestrial and Aquatic Environment
- Behaviour and Transfer of Radioactive Nuclides
- Environmental Radioactivity Measurement Methods



#### TA-7. WASTE MANAGEMENT AND DECOMMISSIONING

- Waste Management
- Waste Treatment
- Waste Storage and Disposal
- Decommissioning of Facilities

#### TA-8. INCIDENTS AND ACCIDENTS

- Emergency Preparedness and Management
- Post-Accident Management
- Follow-up of Consequences of Past Incidents and Accidents
- Feed-back and Lessons Learned
- Orphaned Sources
- Prevention and Consequences of Malevolent Dispersal of Radioactivity
- Treatment of Overexposed Persons and Patients

#### TA-9. RADIATION POLICY AND SOCIETY

- Stakeholder Involvement In Radiation Protection Decision Making
- Evaluation of Radiation Protection Policies
- Risk Perception and Integrated Risk Management
- Communication with the Public and the Media
- Ethical Aspects
- Legal Aspects
- Public Expectations and Social Acceptance
- National Radiation Protection Societies Activities

#### TA-10. NON IONIZING RADIATIONS

- Biological Effects of Non Ionising Radiations
- Health Effects of Non Ionising Radiations
- Dosimetry and Instrumentation
- Radiation Protection of Non Ionising Radiations
- Static and ELF Electric and Magnetic Fields
- Ultraviolet, Visible and Infrared Radiations
- Lasers
- Visual Display Units
- Radiofrequency Radiations
- Ultrasound
- Mobile Telephones and Base Stations



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## CONGRESS LANGUAGE

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

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## PUBLICATION OF PROCEEDINGS

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- 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 and given to each registered participant at the time of the Congress.
- 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 website.

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## IRPA BUSINESS PROGRAMME

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In addition to the scientific programme, each IRPA Congress is also a major milestone in the life of the Association.

On Wednesday 17 May 2006, **the Associated Societies Forum** will provide an opportunity **to all congress participants** to discuss common issues in depth and to adopt decisions concerning the running of the International Radiation Protection Association (IRPA).

## INTERNATIONAL TECHNICAL EXHIBITION

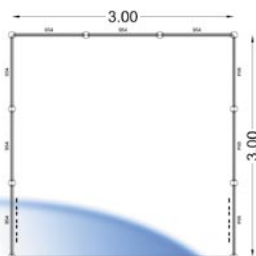
A Technical Exhibition is always an important forum for learning, discussing and exchanging views during international congresses. Companies from all over Europe will be given ample opportunity to display their latest products, services and technical innovations.

The exhibition will be located in a large area of the Congress venue. In order to stimulate networking between industry and congress participants, coffee breaks will be held in the exhibition area.

**The detailed Technical Exhibition Dossier can be obtained from the Congress Technical Secretariat Colloquium.**

*The exhibitors are kindly requested to register as soon as possible.*

*Booth description:*  
White aluminium structure  
Beech partitions  
2.00 m high  
2 Signs on partition wall  
Blue carpet



*Available unit size of booth: 6 m<sup>2</sup> or 9 m<sup>2</sup>*

Application deadline for the Technical Exhibition is **1<sup>st</sup> March 2006.**



## REGISTRATION

Registration should be made by submission of the Registration Form through the website registration system:

[www.irpa2006europe.com](http://www.irpa2006europe.com)

All participants, including committee's members, keynote speakers and session chairpersons, must submit a completed Registration Form

## REGISTRATION FEES

	Before 1 February 2006	After 1 February 2006
Participants	500 €	600 €
Students, Retired Persons	250 €	300 €
Refresher Courses (each)	20 €	30 €
Congress Dinner	40 €	50 €

The registration fees for the participants (including students and retired persons) include:

- Participation in the scientific sessions
- Copy of the book of abstracts and full proceedings on CD-ROM
- Welcome cocktail on Monday 15 May 2006
- Coffee breaks

Accompanying persons are welcome to participate to the Congress cocktail on Monday 15 May, free of fees.

They can also participate to the Congress dinner on Thursday 18 May, at the above indicated price.

Advanced registration deadline: **30 April 2006**  
Thereafter, registrations will be made at the Congress venue



## INSTRUCTIONS FOR PAYMENT

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- In order to confirm your registration, a proof of payment must be sent to COLLOQUIUM, accepting the given conditions of payment and cancellations. Payments can only be accepted in Euros. Only total payment guarantees registration.
- The name of the person for whom the services are booked must be clearly indicated in the bank document sent.
- Please send a cheque or money order to the congress account indicated in the Registration Form. Please do not forget to indicate the name of participant and the subject of payment.
- Cheque, international money order or photocopy of bank transfer must accompany the Registration Form. Any bank expenses for issuing a transfer must be paid in full by participants. You can also pay by credit card: VISA and Master Card. Please complete the required data on the Registration Form. After receipt of your payment, you will receive a confirmation of registration.
- ● ● **CANCELLATION**
  - Cancellation and requests for refunds should be made in writing and sent to the Technical Secretariat COLLOQUIUM. Those made before 30 April 2006, will be refunded at 80 % of the original sum. After that date no refund will be possible.
  - All bank charges will be deducted from the refund.
  - Refunds will be issued after the Congress (1<sup>st</sup> June 2006).
- ● ● **REPLACEMENT OF REGISTRATION**

Lost badges will be replaced free of charge once on presentation of a passport or driver's licence. A second replacement badge will be subject to a charge of 50 €.
- ● ● **PAYMENT**
  - By cheque in Euros payable to IRPA 2006.
  - By bank transfer: BNP Paris Opéra.  
*Bank code : 30004 - Bank sort code : 00799 - Account code : 00010204574 - Key code : 60  
Swift code : BNPAFRPPPOP - IBAN code : FR76 3000 4007 9900 0102 0457 460*
  - By credit card (VISA, Master).



## HOTEL ACCOMMODATION

Hotel rooms at special Congress rates are being held for congress participants in Paris. These hotels are located near the Cité des Sciences & de l'Industrie where the Congress will be held.

All rates are indicated in Euros, per night and per room for single, double or twin room. Reservations must be made through the Congress Office to guarantee the indicated rates negotiated for the Congress.

1	<b>Ambassador*</b>	4 stars	260 € single	260 € double
2	<b>Forest Hill</b>	3 stars	165 € single	165 € double
3	<b>Holiday Inn</b>	3 stars	145 € single	160 € double
4	<b>Novotel Bagnolet*</b>	3 stars	130 € single	130 € double
5	<b>Libertel</b>	3 stars	120 € single	120 € double
6	<b>Kyriad</b>	2 stars	78 € single	78 € double
7	<b>Ibis La Villette</b>	2 stars	64 € single	64 € double

*(rate per night for single or double room not including breakfast)*

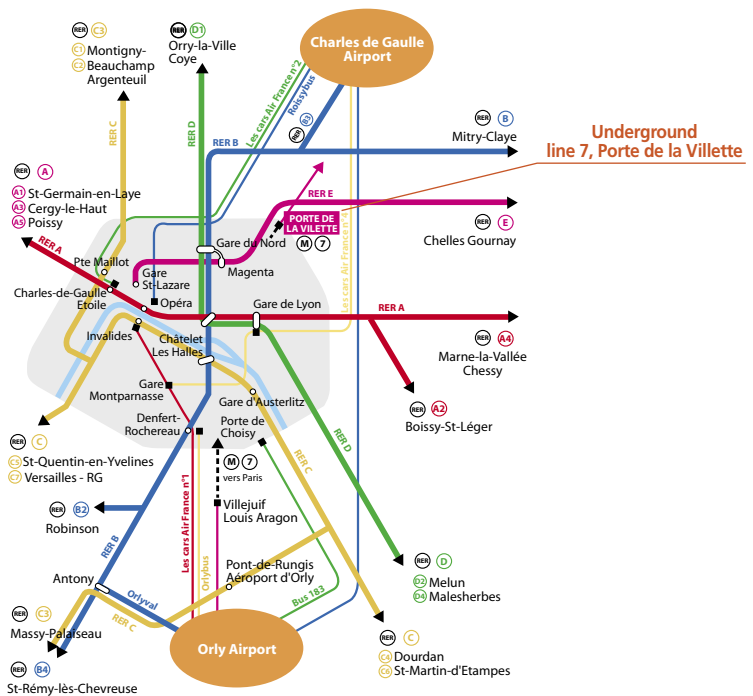
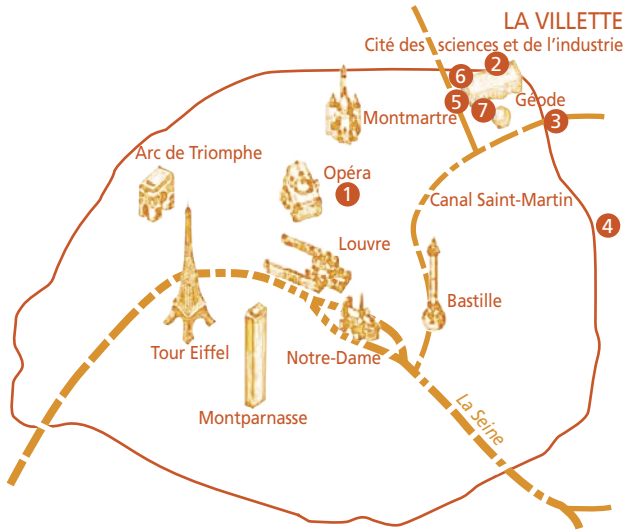
*\*Hotel located at 15 mn by metro from Congress site.*

Hotel rooms have to be reserved online ([www.irpa2006europe.com](http://www.irpa2006europe.com)) to Colloquium. No phone reservation will be accepted.

1 night of deposit + a reservation fee of 15 € per room will be requested for individual bookings at time of reservation. As soon as your deposit has been received, Colloquium will issue a letter confirming your reservation details.

For individual cancellation conditions please refer to page 15.

Hotel reservation deadline is **15 April 2006**.  
After this date, rooms cannot be guaranteed





## LOCATION OF THE CONGRESS

The Second European IRPA Congress will take place in Paris, at the Villette Conference Centre (located in the North-East of Paris and well connected by public transportation to the airport).

### ●●● HOW TO GET THERE

#### Parc de la Villette

#### Cité des Sciences & de l'Industrie

La Villette Conference Center

30, avenue Corentin-Cariou

75019 Paris

([www.cite-sciences.fr](http://www.cite-sciences.fr))

### ●●● UNDERGROUND

Porte de la Villette, line 7.

### ●●● BUS

lines 75, 139, 150, 152, 250A, PC2 and PC3 for Porte de la Villette.

### ●●● CAR

Direct access via the north ring road, exit Porte de la Villette. A car park is available (see map).

### ●●● TRAIN

Terminals of the Eurostar and Thalys trains are located in the Gare du Nord, where you can reach the underground.

line 7, Porte de la Villette





## SECOND EUROPEAN IRPA CONGRESS ON RADIATION PROTECTION

Référence to be quoted : AXZE SE 5182 Validity from 12/05/2006 to 22/05/2006

### ● ● ● ON INTERNATIONAL ROUTES

#### Discounts registered under GGAIRAFEVENTNEGO

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**0 820 820 820\***

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\* charge for calls: 0,12 €/min

#Appropriate published fares from French Overseas Departments and Territories.

Société Air France, société anonyme au capital de 1.901.231.625 euros  
RCS Bobigny 420495178

Siège social : 45 rue de Paris, F95704 Roissy Charles de Gaulle cedex, France



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## WEB PAGE

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**[www.irpa2006europe.com](http://www.irpa2006europe.com)**

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## TECHNICAL SECRETARY

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Fax.: +33 (0)1 44 64 15 16

E-mail: [irpa2006@colloquium.fr](mailto:irpa2006@colloquium.fr)

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## IMPORTANT DATES

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Opening of website for abstract submission	15 February 2005
Abstract receipt deadline	15 September 2005
Notification of acceptance	15 December 2005
Submission of full paper	1 <sup>st</sup> March 2006
Opening of website for registration	15 February 2005
Early registration fees	1 <sup>st</sup> February 2006
Closing of website for registration	30 April 2006
Hotel registration deadline	15 April 2006
Technical exhibition deadline	1 <sup>st</sup> March 2006