

3rd International Conference on
**Education and Training
in Radiological Protection**

23-25 November 2005
Brussels, Belgium

Jointly organised by

SCK•CEN, The Belgian Nuclear Research Centre
FANC-AFCN, The Belgian Federal Agency for Nuclear Control

In co-operation with the European Nuclear Society



Introduction

Covering electricity production, medicine and industrial radiography the spectrum of applications of ionising radiation is very wide. Although working with a variety of responsibilities and specific professional aims, practitioners have a triple common need :

- basic education and training providing the requisite level of understanding of artificial and natural radiation,
- a standard recognition of skills and experience,
- an opportunity to fine-tune and test acquired knowledge on a regular basis.

From an executive perspective, education and training are undoubtedly the two basic pillars of any policy regarding safety in the workplace.

International meetings, publications and recommendations with regard to safety culture increasingly stress the need for education and training in the field of radiological protection. In addition, compliance with specific European directives concerning the implementation of a coherent approach to education and training becomes crucial in a world of dynamic markets and increasing workers' mobility. Finally, the enlargement of the EU to 10 new member states has to be considered as an additional challenge regarding the fulfilment of these requirements.

Two international meetings have already been organised, showing that a common readiness to exchange views on education and training in radiological protection is emerging. These meetings focused on benchmarking current experiences and practices and made the first attempts at describing harmonisation at the European level. The first meeting was held in Saclay (France) in 1999, the second took place in Madrid (Spain) in 2003.





Introduction (continued)

Determined to build further on what has been achieved up to now, the Belgian Federal Agency for Nuclear Control FANC and the Belgian Nuclear Research Centre SCK•CEN organise the 3rd international conference on education and training in radiological protection, ETRAP2005, in Brussels in November 2005.

The conference intends to address the largest potential audience, covering the medical sector, radiographers, NORM experts, the engineering sector, the non-nuclear industry, safety experts, regulators and authorities. Furthermore, it aims to reinforce the contacts between various organisations and individuals dealing with education and training policies in radiological protection. The expected outcome is better harmonisation of training practice and of skills recognition. Special attention will be paid to the networks currently emerging at the European and global level. ETRAP2005 and the subsequent conferences will provide the necessary platform for a comprehensive and transdisciplinary approach to education and training in radiological protection.

We are looking forward to welcoming you at ETRAP2005.

Pascal Deboodt, ETRAP2005 chairman

ETRAP2005 is jointly organised by SCK•CEN, the Belgian Nuclear Research Centre and FANC-AFCN, the Belgian Federal Agency for Nuclear Control, in co-operation with the European Nuclear Society.

ETRAP2005 is sponsored by NIRAS, the Belgian Nuclear Society and the European Nuclear Society

Scientific Committee

Pascal Deboodt	SCK•CEN - Belgian Nuclear Research Centre
Frank Deconinck	ENS – European Nuclear Society
Paul Govaerts	SCK•CEN - Belgian Nuclear Research Centre
Chris Huyskens	IRPA - International Radiation Protection Association
Augustin Janssens	EC - European Commission
Ted Lazo	NEA/OECD – Nuclear Energy Agency
Khammar Mrabit	IAEA – International Atomic Energy Agency
Patrick Smeesters	FANC-AFCN - The Belgian Federal Agency for Nuclear Control
Jan van der Steen	EUTERP – European Platform for Education and Training in Radiological protection
Eliseo Vano	UCM - Universidad Complutense Madrid
Peter Van Rijk	UMCU – Universitair Medisch Centrum Utrecht

Organising Committee

Pascal Deboodt	SCK•CEN, ETRAP2005 Chairman		
Michèle Coeck	SCK•CEN	Daniel Berger	FANC-AFCN
Annick Deltrenre	FANC-AFCN	Cindy Verachtert	SCK•CEN
Gaston Meskens	SCK•CEN	Hilde Engels	FANC-AFCN
Guy Lefebvre	FANC-AFCN		

Conference Secretariat

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Themes

policy	European institutions' view on education & training policy Certification and accreditation, recognition, harmonisation of requirements
needs	Education & training needs in the industrial and medical sector Expertise & knowledge management, training on the job
tools	Education & training tools : course material, demo installations, e-learning
spirit	Quality assurance, safety culture, transdisciplinarity

Declaration

ETRAP2005 intends to put forward a declaration with a special focus on harmonisation of education and training on European level to the European Platform on Education and Training in Radiological Protection and to the EU Institutions. A draft proposal of the text will be published on the ETRAP website before the conference. During the conference, a plenary session will be organised to discuss this text, in order to ensure the integration of the main conclusions of the presentations and discussions on the above mentioned themes.

	Programme	<i>sessions / theme</i>	<i>oral / poster sessions</i>
23.11.05	09:00 – 10:30	Welcome	Keynote session : EU institutions view and policy
	11:00 – 12:30	Session 1 / needs	Training & education needs in the medical and industrial sector
	12:30 – 14:00	Lunch	
	14:00 – 15:30	Session 1 / needs	Training & education needs in the medical and industrial sector
	16:00 – 17:30	Session 2 / policy	Certification / accreditation / recognition
	19:00	Cocktail	Welcome reception at the Hotel Metropole
24.11.05	09:00 – 10:30	Session 2 / policy	Certification / accreditation / recognition
	11:00 – 12:30	Debate	Presentation and discussion of the conference declaration
	12:30 – 14:00	Lunch	
	14:00 – 15:30	Session 3 / tools	Training & Education tools (courses, demo installations, e-learning)
	16:00 – 17:30	Session 4 / spirit	Quality assurance / transdisciplinary / safety culture
	19:00	Conference Dinner	Dinner in the Belgian Cartoon Museum (Brussels)
25.11.05	09:00 – 10:30	Session 4 / spirit	Quality assurance / transdisciplinary / safety culture
	11:00 – 12:30	Conclusions	Conclusions and presentation of the conference declaration
	12:30 – 14:00	Lunch	Farewell lunch at the Hotel Metropole



Practical information

Key dates	01.03.05	Deadline for submission of abstracts
	01.06.05	Author notification
	01.09.05	Pre-registration (reduced fee) deadline
	01.10.05	Deadline for submission of full papers
	23-25.11.05	Conference
Fee	€ 490 (early registration) / € 450 (early registration academic and young professionals) / € 600 (late registration). The conference fee includes attendance to all sessions, the book of abstracts, lunches, a welcome reception on Wednesday, the conference dinner on Thursday and a farewell lunch on Friday.	
Registration	A registration form is added at the end of this brochure. Registration can also be done via the ETRAP conference website www.etrp.net .	
Contributions	Both oral sessions and poster sessions are foreseen. Posters will be introduced in the beginning of each session and will be displayed during the entire conference.	
Publications	The abstracts will be published in a booklet and distributed at the beginning of the conference. The full papers will be published on the ETRAP website.	
Language	The conference language is English. All submitted abstracts, full papers, posters and oral sessions will be in English. No translation is foreseen.	
Accommodation	Arrangements have been made with some hotels in the city centre of Brussels. Participants should contact these hotels directly. More information can be found on the ETRAP website.	

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Submission of abstracts

Presentations are welcome for the Sessions 1, 2, 3 and 4. Please tick the box on the registration form if you intend to submit an abstract. Send abstracts to etrap2005contributions@euronuclear.org before 01.03.05. Find more information on abstract and full paper or poster formats on the conference website www.etrap.net.

Conference venue : Hotel Métropole, Place de Brouckère 31, 1000 Brussels, Belgium, www.metropolehotel.be

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Situated right in the historical centre of Brussels, five minutes away from the Grand Place, Hotel Métropole is a superbly renovated hotel whose gracious charm has been splendidly preserved. Built in 1895, it is the city's only remaining 19th century hotel, perpetuating a uniquely Belgian character that sets the note for a delightful stay in Brussels. The hotel served as a meeting place for artists and scientists through the last century. The first Solvay International Physics Council took place at Hotel Métropole in 1911 (see picture).



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Social

The welcome reception will be held in the Hotel Métropole. The gala dinner will take place in the Belgian Cartoon Museum. Both reception and dinner are included in the registration fee. Accompanying persons can participate in the dinner for € 75. Please tick the appropriate box on the registration form.

90 % of the bestselling comic strips in Europe have their origin in Belgium. An historical and contemporary state-of-the-art of the international comic strip world is presented in The Belgian Comic Strip Museum, situated in an original art nouveau building in the centre of Brussels. The ETRAP2005 conference dinner starts with a guided tour in the museum exhibition. Participants have direct and permanent access to the museum during the evening of the conference dinner.

No guided tours in Brussels are foreseen. The following websites contain cultural information about Brussels : www.brussels.org ; www.trabel.com/brussels.htm

www.etrapp.net

www.etrapp.net is the official conference website. This site will include all programme updates, practical arrangements and registration forms. A draft of the conference declaration will be published on the site a few weeks before the conference. All presentations and posters will be published on the site after the conference.

You're also invited to visit :

SCK•CEN – the Belgian Nuclear Research Centre at www.sckcen.be

FANC – the Federal Agency for Nuclear Control at www.fanc.fgov.be

ENS – the European Nuclear Society at www.euronuclear.org

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ETRAP 2005 Registration form

Fax to +32 2 502 39 02

Personal data

Family name:
Organisation:
Office address:
Postal code:
Country:
Fax:

First name:
Title/Position:
PO Box:.
City:
Telephone:
E-mail:

Abstract submission (send abstract to etrap2005contributions@euronuclear.org before 01.03.05)

I intend to submit an abstract yes no

Registration fee

Conference	<input type="checkbox"/> early (< 01.09.05) - € 490	<input type="checkbox"/> late (> 01.09.05) - € 600	€
	→ academic or young professional (< 36 – include copy of ID)		
	<input type="checkbox"/> early (< 01.09.05) - € 450	<input type="checkbox"/> late (> 01.09.05) - € 600	€
Conference dinner	<input type="checkbox"/> I will attend	<input type="checkbox"/> I will not attend	(included in fee)
Conference dinner	<input type="checkbox"/> accompanying person		€ 75

Payment

Total : €

BANK TRANSFER to account number 435-0306651-17 of the SCK•CEN
address: Hermann Debrouxlaan 40, 1000 Brussels, Belgium
IBAN Code BE61 4350 3066 5117 – BIC/SWIFT Code KREDBEBB)
please quote your name and reference ETRAP 2005

CREDIT CARD : **Visa** **Mastercard**

Card number |_|_|_|_|-|_|_|_|_|-|_|_|_|_|-|_|_|_|_| Expiry date: |_|_|_|_|

Card holder's name Card holder's Signature

Date

Signature

>>> www.etrp.net

