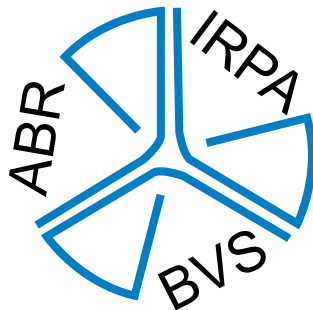


International Symposium
on the occasion of the 50th anniversary
of the Belgian Association
for Radiological Protection BVS-ABR

Member of the International Radiation Protection Association IRPA

Challenges for Radiological Protection for the next 50 Years



1963 - 2013

8-10 April 2013
Brussels, Belgium
www.bvsabr.be/50Y

SECOND ANNOUNCEMENT AND SYMPOSIUM PROGRAMME

50th Anniversary Session: Monday evening 8 April 2013

18:00 – 20:00 Registration (Hotel Metropole, 31 Place de Brouckère, Brussels)

19:00 – 23:00 50th Anniversary dinner including an Academic Session

Moderator Academic Session: *Jean-Paul Samain (past president BVS-ABR)*

- Welcome: *Frank Hardeman (president BVS-ABR)*
- 1963: l'esprit, l'atmosphère et la nécessité de créer des organisations qui représentent la radioprotection: ABR et IRPA: *Paul Hublet (co-founder of IRPA and BVS-ABR)* (English with French and Dutch contributions)

Symposium Programme: 9 – 10 April 2013

Tuesday 9 April

8:30 Registration desk open

9:00 – 12:45 Session 1: Looking back and anticipating the future: setting the scene (Room Excelsior/Ambassador)

Chair: *Renate Czarwinski (president IRPA)* Co-Chair and Rapporteur: *Pierre Kockerols (EU – DG JRC)*

9:00 – 10:45 Open plenary

9:00 Welcome and opening address: *Frank Hardeman (president BVS-ABR)*

9:15 A look-back on Radiation Protection in Belgium: *Gilbert Eggermont (BVS-ABR) and Frank Hardeman*

10:00 Radiation Protection Challenges in the next decade – IRPA's perspective: *Renate Czarwinski (president IRPA)*

10:30 Welcome address: *Joëlle Milquet (Deputy Prime Minister and Min. for Internal Affairs and Equal Opportunities)*

10:45 – 11:15 Coffee break

11:15 – 12:45 Plenary keynote lectures

11:15 Evolution of legislation in the near future: *Augustin Janssens (EC - DG TREN)*

11:45 Challenges of medical developments for Radiation Protection: *Eliseo Vano (San Carlos Univ. Hospital Madrid)*

12:15 Challenges for Radiation Protection in a changing society: *Jacques Lochard (CEPN)*

12:45 – 14:00 Lunch and Poster viewing

14:00 – 17:40 Parallel sessions

14:00 – 17:40 Session 2: Societal aspects of Radiation Protection, including perception of the radiation risk (Room Excelsior)

Chair: *Jean-Paul Samain (BVS-ABR)*

Co-Chair and Rapporteur: *Pascal Froment (Controlatom)*

14:00 Keynote: Societal issues in a context of Radiation Protection: *Patrick Smeesters (future president BVS-ABR)*

14:30 Perceived risk shapes human behavior but can be influenced: *Hans Vanmarcke (SCK•CEN)*

14:50 Risk perception of ionising radiation among hospital personnel: *Charlotte Stiévenart (ISP-WIV)*

15:10 One risk – many perceptions: soft assessments of radiological risks in a light of safety: *Tanja Perko (SCK•CEN)*

15:30 – 16:10 Coffee break and Poster viewing

16:10 On the need for integration of social aspects into nuclear research: the case of risk perception and attitudes: *Catrinel Turcanu (SCK•CEN)*

16:30 Lecturing ethics in courses on radiological protection and nuclear engineering: feedback on 10 years of experience and future outlook: *Gaston Meskens (SCK•CEN)*

16:50 Long-term safety of disposal of radioactive waste: radiation protection at the crossroads of science and society: *Peter De Preter (NIRAS-ONDRAF)*

17:10 – 17:40 Discussion



14:00 – 17:40 Session 3: Lessons learned from accidents – importance of maintaining competence

(Room Ambassador)

Chair: *Michel Sonck (FANC-AFCN)*

Co-Chair and Rapporteur: *Jan-Willem Vahlbruch (FS)*

- 14:00 Keynote: Lessons learned from incidents and accidents including Fukushima: *Astrid Liland (NRPA)*
14:30 Post-Fukushima improvement of the emergency plan for the Tihange and Doel nuclear power plants in Belgium – focus on the radiological aspect: *Benoit Lance (Electrabel, GdF-Suez)*
14:50 A better understanding for an improved emergency response: developments and way forward: *Christian Vandecasteele (FANC-AFCN)*
15:10 The modernisation of the TELERAD network: *Michel Sonck (FANC-AFCN)*
15:30 – 16:10 Coffee break and Poster viewing
16:10 Education and Training for the RPE/RPO in Belgium in a European context: *Herwig Janssens (U Hasselt/XIOS)*
16:30 Results of the ENETRAP projects on European training standards for radiation protection experts and officers: *Michèle Coeck (SCK•CEN)*
16:50 A network to promote the interest of younger generations in radiation protection in radiological and nuclear engineering: *José Ródenas (Universidad Politécnica de Valencia)*
17:10 The European ALARA Network and the role of national radiation protection associations in the dissemination of ALARA in practice: *Fernand Vermeersch (SCK•CEN)*
17:30 – 17:40 Short discussion

18:00 – 20:00 Reception at the Town Hall of Brussels (within walking distance from the Metropole Hotel)

Wednesday 10 April

8:30 Registration desk open

9:00 – 12:40 Parallel sessions

9:00 – 12:40 Session 4: Medical applications and health effects of ionising radiation (Room Excelsior)

Chair: *Yuri Franken (NVS)*

Co-Chair and Rapporteur: *Marc van Eijkeren (UZ Gent)*

- 9:00 Keynote: Radiation protection and safety in medical applications: *Steve Ebdon-Jackson (HPA)*
9:30 In vivo patient dose of dental cone beam CT: *Ruben Pauwels (KU Leuven)*
9:50 Evaluation of the radiation dose delivered to premature new-borns in the Belgian neonatal intensive care units: *Lara Struelens (SCK•CEN)*
10:10 Radiation dose to the radiologist during continuous CT-Fluoroscopy-Guided Lung biopsy using different HandCARE options: how safe is it? *Walter De Wever (UZ Leuven)*
10:30 – 11:00 Coffee break and Poster viewing
11:00 Skin dose rate conversion factors after contamination with radiopharmaceuticals: influence of contamination area, epidermal thickness and percutaneous absorption: *Peter Covens (VUB)*
11:20 Radioprotection studies for proton therapy centres: *Frédéric Stichelbaut (IBA)*
11:40 BELdART-2: moving towards safer radiotherapy: *Steven Lelie (Nutech/U Hasselt/XIOS)*
12:00 Eye lens doses for medical staff performing interventional procedures: *Lara Struelens (SCK•CEN)*
12:20 Implications of cardiovascular disease risk for radiation protection? *Peter Jacob (Helmholtz Centre München)*

9:00 – 12:40 Session 5: Radioecological aspects; Evolution of legislation and its implementation

(Room Ambassador)

Chair: *Valérie Chambrette (SFRP)*

Co-Chair and Rapporteur: *Hans Vanmarcke (SCK•CEN)*

- 9:00 Keynote: Challenges for Radioecology for the next 20 years: *Hildegard Vandenhove (SCK•CEN)*
9:30 Dynamic modelling of the radiological impact of the Fukushima accident on marine biota: *Jordi Vives i Batlle (SCK•CEN)*



9:50 Consequences for the long-term radiation exposure of aquatic biota after Chernobyl NPP accident: *Dmitri Gudkov (Institute of Hydrobiology of the National Academy of Sciences of Ukraine)*
10:10 The new radioprotection implications of fusion reactors: *Vincent Massaut (SCK•CEN)*
10:30 – 11:00 Coffee break and Poster viewing
11:00 The new BSS: towards practical radiation protection in the NORM and building industry? *Wouter Schroeyers (Nutec/Uhasselt/XIOS)*
11:20 Regulatory approach of the issue of NORM residues in Belgium: *Stéphane Pepin (FANC-AFCN)*
11:40 Environmental monitoring of NORM sites in Belgium: *André Poffijn (FANC-AFCN)*
12:00 Ghent university research reactor Thetis: unloading and conditioning of spent fuel: *Myriam Monsieurs (UGent)*
12:20 Waste management at decommissioning of the Ghent university research reactor Thetis: *Isabelle Meirlaen (UGent)*

12:40 – 14:00 Lunch and Poster viewing

14:00 – 16:00 Closing plenary (Room Excelsior/Ambassador)

Chair: *Patrick Smeesters (BVS-ABR)*

Co-Chair and Rapporteur: *Jan-Willem Vahlbruch (FS)*

14:00 Feedback of the parallel sessions by the rapporteurs

14:40 Panel: Challenges for Radiation Protection for the next 50 years: *Moderator: Gilbert Eggermont (BVS-ABR)*

15:40 Closing of the symposium: *Frank Hardeman (president BVS-ABR)*

16:00 – 17:00 Closing coffee

Practical organisation

Venue and Registration

The symposium will take place in Brussels in the famous Hotel Metropole, 31 Place de Brouckère. Hotel Metropole is a historic place in the heart of Brussels. The hotel is within walking distance from the Brussels Central Station.

The symposium fee (250 €) includes the reception at the Town Hall of Brussels, coffee and lunches on 9-10 April and the closing coffee. Details and discounts, also on the 50th anniversary dinner, are available at: www.bvsabr.be/50Y

Social programme and Hotel accommodation

As the conference is organised in the centre of Brussels, there are plenty opportunities to participate to cultural events, to visit musea or to go shopping. If there is sufficient interest, visits to the historical cities of Ghent and Mons will be organised on Monday afternoon 8 April.

Tourist information and hotel accommodation can be found on the website of Brussels Tourism, www.visitbrussels.be

Publications and Posters

Abstracts and keynote lectures will be published on the website of the BVS-ABR: www.bvsabr.be/. Participants will receive their symposium materials, including the final programme and the book of abstracts, at the registration desk.

Authors interested in publishing a full paper will be encouraged to submit their contribution for inclusion in a special issue of the Annals of the BVS-ABR.

Posters will be displayed during the entire symposium. They can be mounted during registration on Monday evening 8 April or on Tuesday morning and have to be removed after lunchtime on Wednesday 10 April. Maximum size of the posters is A0 (A0 = 1189 x 841 mm). Push-pins to fasten your poster to the board will be available.

More information

Follow the link for more detailed information on the International Symposium 50 Years BVS-ABR: www.bvsabr.be/50Y

