

## KEY DEADLINES

Extended to: **30 June 2012**

Submission of **contributed papers** including Forms A and B through one of the official channels (*see conference web site for further details*) to the IAEA.

Advance copy to: [radprom2012.papers@iaea.org](mailto:radprom2012.papers@iaea.org)

Extended to: **30 June 2012**

Submission of **grant applications**

Forms A and C through one of the official channels (*see conference web site for further details*) to the IAEA.

Persons interested in participating in the conference but not submitting a contributed paper must nevertheless submit **Participation Form A** through one of the official channels as soon as possible (*see conference web site for further details*).

## REGISTRATION

No registration fee is charged.

## LANGUAGE

The conference will be held in English.

## CONTACT INFORMATION

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## IAEA CONTACTS

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### Conference web site

Detailed information on administrative matters including registration, contributed papers and grants is provided on the conference web site:

**[www.iaea.org/meetings](http://www.iaea.org/meetings)**

Please include reference number  
CN-192 in all communications.

# International Conference on RADIATION PROTECTION IN MEDICINE

## Setting the Scene for the Next Decade

**3–7 December 2012  
Bonn, Germany**

Organized by the



**IAEA**

International Atomic Energy Agency

Co-sponsored by the



**World Health  
Organization**

Hosted by the  
**Government of Germany**

through the



Federal Ministry for the  
Environment, Nature Conservation  
and Nuclear Safety

## BACKGROUND

Radiation in medicine involves the deliberate and direct exposure of humans to ionizing radiation. There is a strong and continuing need to protect patients from unnecessary and unintended exposure, and also to protect medical staff from high doses incurred.

The conference will deal with aspects of radiation protection related to the use of ionizing radiation and radioactive substances in medicine.

## OBJECTIVES OF THE CONFERENCE

- To indicate gaps in current approaches to radiation protection in medicine;
- To identify tools for improving radiation protection in medicine;
- To review advances, challenges and opportunities in the field of radiation protection in medicine;
- To assess the impact of the **International Action Plan for the Radiation Protection of Patients**, in order to prepare new international recommendations, taking into account newer developments.



## TOPICS AND PAPERS

The IAEA welcomes high quality contributions on all aspects of radiation protection in medicine. Both academic and practice based papers that come under the umbrella of the following subjects:

- Diagnostic imaging and optimization;
- Diagnostic imaging and justification;
- Radiation protection of patients in interventional procedures;
- Occupational radiation protection of medical workers;
- Protecting patients, carers and comforters and the public in nuclear medicine;
- Patient protection in radiotherapy;
- Radiation protection of patients in other medical modalities;
- Medical issues related to radiation accidents;
- Safety education and training;
- Patients' viewpoint on safety and protection;
- Issues around radiological health screening;
- Radiation protection of children and pregnant women;
- Manufacturers' role in protecting patients;
- Topics for future research and development.

Papers will be summarized by a rapporteur (see "Programme Structure") and distributed in a compiled electronic format free of charge to participants.

Authors of contributed papers may also, if they so wish, present the substance of their papers in the form of **posters**.



## PROGRAMME STRUCTURE

**Topical Sessions** will cover selected areas of radiation protection in medicine:

- Invited presentations;
- Summary of session-related contributed papers presented by a rapporteur;
- Plenary discussions involving the audience.

**Round Table Sessions** will be dedicated to identifying recommendations for future actions:

- Brief statements delivered by panel members;
- Summary of session related contributed papers presented by a rapporteur;
- Round table and plenary discussions involving the audience.

## AUDIENCE

The conference is directed at a wide audience with an **interest in radiation protection in medicine**. In particular:

- Health professionals, e.g. physicians practising in radiological imaging, nuclear medicine and radiotherapy; referring medical practitioners;
- Medical physicists, radiographers and technologists; radiation protection professionals and engineers;
- Healthcare managers, health economists and risk communication experts;
- Representatives of patient organizations and manufacturers; health researchers and academics;
- Representatives of health authorities and regulatory authorities with a special responsibility in this field.