

## KEY DEADLINES

### 15 March – 15 June 2017

Electronic submission of four page contributed paper (IAEA-INDICO open)

**15 June 2017** Submission of Forms B and/or C through official channels to the IAEA (together with Form A)

**15 August 2017** Notification of acceptance of paper

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

### Scientific Secretariat of the Conference

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### Administration and Organization

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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-255** in all communications.



CN-255

# International Conference on RADIATION PROTECTION IN MEDICINE

*Achieving Change in Practice*

11–15 December 2017  
Vienna, Austria

Organized by the



**60 Years**  
IAEA *Atoms for Peace and Development*

Co-sponsored by the



**World Health Organization**

and the



**Pan American Health Organization**

The use of ionizing radiation in medicine is well established, and has resulted in tremendous benefit to humankind in diagnosing and treating diseases. While the medical benefits are unquestionable, there has been growing evidence of unintended and unnecessary use of radiation in medicine, creating the need for radiation protection principles.

The conference will deal with optimization and justification in medical exposure; safety in medical use of ionizing radiation; and radiation protection of medical staff and public, when ionizing radiation is used for diagnosis, intervention, therapy or research.

## OBJECTIVES OF THE CONFERENCE

The objectives include reviewing actions taken and developments since the 2012 Bonn conference, especially focusing on actions taken in line with the Bonn Call for Action by all relevant parties; this will enable a review of the overall approach to the implementation of these actions and the harmonization of activities between international organizations and other stakeholders, as well as allow stakeholders to look ahead at new developments impacting on radiation protection in medicine.

## TOPICS AND PAPERS

The IAEA welcomes high quality contributions in all aspects of radiation protection in medicine. Both academic and practice-based papers under the umbrella of the following subjects of the topical sessions and round table discussions are welcomed:

- Justification in the use of radiation in medicine.
- Radiation protection of patients and staff in diagnostic radiography, fluoroscopy and computed tomography.
- Radiation protection in mammography, dental and maxillofacial imaging and other diagnostic modalities.
- Radiation protection of patients and staff in interventional procedures.
- Radiation protection in medical exposures of children and pregnant women.
- Radiation protection of patients and staff in radiotherapy including brachytherapy.
- Learning from unintended and accidental exposures in medicine.
- Radiation protection of patients, staff and the public in diagnostic and therapeutic nuclear medicine and hybrid imaging.
- How are we strengthening radiation safety culture in healthcare?
- How are we fostering and improving the radiation benefit/risk dialogue?
- How are we meeting radiation protection challenges in design and implementation of new medical technologies?
- How are we meeting challenges in patient dose recording, tracking and data management?

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.

