

KEY DEADLINES

- 15 February 2022** Submission of synopses through IAEA-INDICO
- 31 March 2022** Submission of Form B (together with Form A) through the InTouch+ Platform
- 31 March 2022** Submission of Form C (together with Form A) through the InTouch+ Platform
- 15 June 2022** Notification of acceptance of synopses for oral or poster presentation
- No deadline** Submission of Form A only (no paper submission, no grant request) through the InTouch+ Platform

REGISTRATION

No registration fee is charged.

LANGUAGE

The conference will be held in English.

CONFERENCE WEB SITE

iaea.org/events/occupational-radiation-protection-2022

Please include reference number IAEA-CN-300 in all communications.

CONTACT INFORMATION

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CN-300

International Conference on Occupational Radiation Protection

Strengthening Radiation Protection
of Workers – Twenty Years of
Progress and the Way Forward

5 – 9 September 2022
Geneva, Switzerland



Organized by the



International Atomic Energy Agency

Co-sponsored by the



International
Labour
Organization

BACKGROUND

The increasing use of medical procedures utilizing ionizing radiation and better access to this health technology has resulted in a rapid increase in the number of occupationally exposed workers in medicine over the years. Substantial occupational exposure may occur in certain medical procedures. It is a continuing challenge, particularly in terms of exposure control and the training of healthcare professionals in radiation protection issues.

There is an increasing awareness of the need to protect workers in industries involving Naturally Occurring Radioactive Material (NORM), and to apply a graded approach by regulators and operators' resources for the management of worker protection. Sharing of experiences will contribute to the need to establish regulatory requirements at the national level for radiation protection in industrial processes involving NORM. Regulation and management of radon exposure in workplaces is also an emerging topic.

Many Member States use nuclear energy to meet the rapid increase in energy demand. The introduction of nuclear power plants to the so-called nuclear embarking countries and designs of new types of nuclear reactors has resulted in some new challenges for occupational radiation protection. As many nuclear reactors are coming to the end of their operating lifetime, radiation protection of workers during decommissioning activities requires unique approaches due to the continuously changing work environment.

With these issues in mind, and considering current trends and developments, the conference aims to focus efforts in these areas to maximize the related positive impact for future international work.

OBJECTIVES

The objectives of the conference are:

- To exchange information and experience in the field of occupational radiation protection;
- To review technical and regulatory advances, challenges and opportunities since the last conference on the topic organized in 2014;
- To review the global situation on radiation protection of workers;
- To identify priority actions and future needs;
- To formulate conclusions and recommendations.

TOPICS

The IAEA welcomes high-quality contributions on all aspects of occupational radiation protection, focusing in particular on the topics listed below:

- Review of international standards and recommendations on occupational radiation protection, progress over the last twenty years and existing challenges
- Radiation effects and health risks from radiation exposure at the workplace
- Monitoring and dose assessment of occupational radiation exposures
- Occupational radiation protection in medicine
- Occupational radiation protection in the workplaces involving exposure to naturally occurring radioactive material, radon and cosmic rays
- Occupational radiation protection in industrial, research and educational facilities
- Occupational radiation protection in nuclear power plants and nuclear fuel cycle facilities
- Occupational radiation protection in emergency exposure situations and subsequent transition periods
- Radiation protection of workers in special cases (itinerant workers, apprentices, female workers)
- Optimization in occupational radiation protection

- Technical service providers in occupational radiation protection
- Education and training in occupational radiation protection
- Health surveillance; probability of causation of occupational harm attributable to radiation exposure; compensation
- Occupational radiation protection networks
- Management systems
- Occupational exposure levels and dose registries
- Safety culture in occupational radiation protection

TARGET AUDIENCE

The conference is aimed at stakeholders involved in the implementation, management and/or development of occupational radiation protection policies. Participants will include representatives of regulatory bodies, workers and employers involved in the use of radiation sources and in the operation of installations containing or handling radioactive materials including NORM, radiation protection experts, researchers, personnel from providers of occupational radiation protection technical services, and manufacturers of radiation emitting apparatus and other radiation sources.