



Workshop on the future of Radiological Protection

*Auditorium, IRSN, Fontenay-aux-Roses
Tuesday 19 March 2024*

With the publication of the paper “Keeping the ICRP recommendations fit for purpose” in 2021, the International Commission on Radiological Protection has embarked on a review and revision of the system of Radiological Protection that will update the 2007 general recommendations in ICRP Publication 103. In this perspective, an open and transparent involvement process of organisations, individuals, and of all interested parties has been set up.

While it is recognized that the system is robust and has performed well, it must adapt to address changes in science and society to remain fit for purpose. Currently, several issues are under-investigation by a series of ICRP Task Groups to integrate the recent scientific and societal developments. In this process, special attention is dedicated to identifying the possible improvement of the radiological protection of people and the environment together with addressing the issues for its implementation.

At the occasion of the venue of the members of the ICRP Main Commission in France, a one-day workshop on the future of radiological protection will be organised on the 19th of March 2024, at IRSN in Fontenay-aux-Roses from 9:00 am to 3:30 pm. This workshop is organised by IRSN, CEPN and ICRP. It will provide an opportunity to present recent developments at ICRP and to exchange views and experience with representatives of the French radiological protection community.

The workshop will be in English. Participation is free, but registration is required (the registration form will be sent out separately). Online participation will also be possible (the connection link will be sent one day before the meeting to registered people).



Preliminary program

9h00 *Welcome coffee*

9h15 Opening and welcome address – Moderator *D Laurier*
Jean-Christophe Niel, Werner Rühm and Thierry Schneider

9h30 Session 1 – ICRP – Moderators *O German, M Kai*

- Organisation and status of ICRP - *Christopher Clement (ICRP Scientific Secretary)*
- The missions and activities of ICRP - *Simon Bouffler (ICRP vice-chair)*
- Perspective on the future of Radiological Protection - *Werner Rühm (ICRP Chair)*

10h15 *Coffee break*

10h45 Session 2 – Effects and doses – Moderators *A Wojcik, S Liu*

- The ICRP System in consideration to radiation effects - *Dominique Laurier (C1 Chair)* with a focus on TG123 “Classification of Harmful Radiation-induced Effects on Human Health for Radiological Protection Purposes” - *Ludovic Vaillant (C1)*
- The ICRP system for external and internal exposure - *François Bochud (C2 Chair)* with a focus on TG95 “Internal Dose Coefficients” - *François Paquet (C2 Vice-Chair)*
- Panel discussion on effects and doses – *ANDRA (Elisabeth Leclerc), ASN (Géraldine Pina), CEA (Laurence Lebaron-Jacobs), IRSN (Jean-Christophe Gariel)*

12h15 *Lunch break*

13h00 Session 3 – Application of the RP System – Moderators *K Cho, JF Lecomte*

- The ICRP System of protection in medical activities - *Aurélie Isambert (C3) and Kimberly Applegate (C3 Chair)* with a focus on TG126 “Radiological Protection in Human Biomedical Research” - *Isabelle Thierry-Chef (C3)*
- The application of the ICRP Recommendations - *Thierry Schneider (C4 Chair)* with a focus on TG127 “Exposure Situations and Categories of Exposure” – *Yann Billarand (C4)*
- Radiation Protection of the environment, with a focus on TG99 “Reference Animal and Plant (RAP) Monographs” – *Christelle Adam-Guillermin (C1) & Jacqueline Garnier-Laplace (C4 Secretary)*
- Panel discussion on the application of the RP System – *ANCCLI (Yves Lheureux), EDF (Bernard Le Guen), SFR (Marie-France Bellin), SFRP-Orano (Patrick Devin)*

15h00 Concluding remarks

Jean-Christophe Niel, Werner Rühm and Thierry Schneider