

Mentorship Opportunity — ICRP Task Group 106
Application of the Commission's Recommendations to Activities Involving Mobile High Activity Sources

Potential Mentor(s)

Eduardo Gallego, TG106 Chair
Daniele Giuffrida, TG106 Vice-Chair

Task(s) / Role

ICRP Task Group 106 is developing a Report to describe and clarify the application of ICRP Recommendations on the radiological protection of workers, the public, and the environment to activities involving mobile high risk radiation sources. The scope includes the use of sealed sources and accelerators in industrial radiography and other situations in which radiation sources are used in a mobile setting rather than at a fixed location. These situations present specific radiological protection challenges because work conditions, geometries, access restrictions, locations, shielding, and environmental conditions may change continuously (https://www.icrp.org/icrp_group.asp?id=100).

The Task Group seeks a Mentee(s) to collaborate in the final stages of development of the TG 106 Report. The Mentee will contribute to the review, organisation, and documentation of technical material relevant to radiological protection in activities involving mobile high risk radiation sources, with particular attention to industrial radiography and non-destructive testing.

The Mentee will be expected to:

1. **Review, reorganise, and format a curated list of radiological accidents involving high-risk radiation sources**, to be considered as an annex to the TG 106 Report. This work will include extracting concise lessons learned from each event, with attention to their relevance for the application of the system of radiological protection, including source control, operational controls, training, competence, safety culture, optimisation, and the protection of workers and members of the public.
2. **Support the TG 106 Chair and Vice-Chair in the review and optimisation of the Report**, including checking consistency of terminology, structure, references, and presentation; identifying possible gaps or repetitions; and helping improve the clarity and usability of the Report for its intended audience.
3. **Research and verify references in scientific and technical literature** to support the different chapters of the Report. This may include identifying relevant ICRP publications, international safety standards, regulatory guidance, accident Reports, scientific papers, and technical documents related to high activity sealed sources, industrial radiography, mobile work environments, occupational exposure, public exposure, training, and emergency or accident situations.
4. **Research information on international and national associations relevant to non-destructive testing and high activity sealed source applications**, including their role in professional practice, training, qualification, certification, safety guidance, and communication with users. This may include organisations involved in NDT, industrial radiography, radiation protection, occupational safety, and training programmes for workers using or managing high activity sealed sources.



The assignment will provide the Mentee(s) with an opportunity to contribute directly to the preparation of an ICRP Publication, to gain experience in international scientific and technical collaboration, and to develop knowledge of the practical application of radiological protection principles in complex mobile work environments. The Mentee(s) will be encouraged to participate in TG 106 meetings, contribute to discussions, and interact with Task Group members and corresponding members.

The ideal candidate would have an interest in radiological protection, industrial radiography or other applications involving sealed radioactive sources, accident analysis, occupational radiation protection, regulatory practice, or training and qualification systems. Familiarity with literature review, technical writing, accident case analysis, or non-destructive testing would be an advantage.

Applications are accepted only through the **Expression of Interest to Join an ICRP Task Group web portal**, and only for currently open opportunities listed on the ICRP Mentorship Programme page.

Applications require a two-page CV using the ICRP template and a two-page letter of support from the applicant's Organisation (see <https://www.icrp.org/page.asp?id=465>).

Application Deadline

27 July 2026