

Marie-Anne CHEVALLIER



Marie-Anne Chevallier graduated in Nuclear Physics with a double diploma of Master 2 and Engineer School, from the Grenoble Institute of Technology, France. Her Ph.D. was dedicated to the measurement of nuclear data (neutron capture cross section to the fission one for ^{233}U) for the application of new generation of nuclear reactors. She was also a part-time teacher at the university.

After a two-years post-doctoral position at the Micro-irradiation, Neutron Metrology and Dosimetry Laboratory Institut de Radioprotection et de Sûreté Nucléaire (IRSN, France), she joined, in 2010, the Ionizing Radiation Dosimetry Laboratory in the Dosimetry Research Department of IRSN as a researcher in external dosimetry. Her current field of research focuses on

individual monitoring and in particular, the study of different techniques (neutron dosimetry using SSNTDs with CR39 material, RPLDs, maintaining and improving criticality dosimetry, etc.).

In addition to the research aspects of the work she has been also providing technical support to the IRSN Dosimetry Lab (development of analysis protocols, QCs, etc.).

Moreover, she is actively involved in ISO and IEC organizations. As a member of ISO TC85/SC2WG 19 - "Individual monitoring of external radiation"- she has been actively involved in the revision of the ISO 21909 standard since 2012. She is also member of IEC SC45B/WG8.

She has been involved in EURADOS WG2 for nearly ten years, being member of the organization group of the EURADOS neutron inter-comparison (IC2012n and IC2017n, and coordinator of next IC2022n), having worked on the 2012 survey before leading the current collaborative survey with ISO about routine practices of IMSs, and being a member of the "CR-39 quality" task.