



IRPA

International Radiation Protection Association

Marie Claire Cantone

Marie Claire Cantone has a degree in Physics and a postgraduate specialization in Health Physics. She is professor of Applied Physics at the University of Milan, UMIL, and associate member of the National Institute of Nuclear Physics, INFN. She was Director of the Postgraduate Specialization School for Health Physics and Medical Physics, 2006-2013. She is responsible for UMIL in EU projects in the 3rd, 4th, 5th and 7th Euratom Fission and Radiation Protection FP, and she is participating in the Concert project, Horizon 2020. She was national coordinator in the INFN research projects, 1995-2009, and responsible for UMIL in national projects funded by the Ministry of University and Research, 1992-2008.



Her research activities include: biokinetics for accidental intake of fission products; kinetic models of radiopharmaceuticals; dosimetric systems based on rare earth doped silica fibers; proactive approaches in preventing accidental exposures in radiotherapy. She is also focusing her interest on ethical issues, stakeholder engagement and communication in RP.

She is a member of international groups and committees: ICRP TG 94; NEA CRPPH; EGRPS and EGIR in CRPPH; CMET in IGD-TP; Nuclear Physics for Medicine in NuPECC-ESF. She is one of the co-founders and, since 2009, co-chair of the International School in RWM & ND, jointly organized by EC-JRC, IAEA, AIRP and UMIL.

Marie Claire served as President of the Italian Association of RP, AIRP, from 2013-2015, having previously been Vice President and Vice President of the International Committee. She is an Italian Delegate to the IRPA International Congresses since IRPA 11.

Within IRPA, she has been co-organizer of the 1st European Workshop on the Ethical Dimensions of the Radiological Protection System, co-chair of WG3 within the Radiation Protection Culture initiative, and she is also a member of the Radiation Protection Strategy and Practice Committee.

Marie Claire has served IRPA as chair, since 2015, and previously as vice chair of the TG on the implications of the implementation of the dose limit for the lens of the eye, and in 2013 she presented the view of the IRPA professionals on this issue at the 2nd ICRP Symposium.

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