



## International Radiation Protection Association

### Marie Claire Cantone

#### IRPA Executive Council



Marie Claire Cantone has a degree in Physics, a postgraduate specialization in Health Physics; she is professor of Applied Physics at the University of Milan, UMIL, and has been Director of the Postgraduate Specialization School for Health Physics and for Medical Physics, 2006-2013. She

has been President of AIRP, the Italian Association of Radiation Protection, 2013-2015, having previously been vice President, and vice President of the International Committee, 2010-2016.

Within IRPA, she has been co-organizer of the 1st European Workshop on the Ethical Dimensions of the Radiological Protection System; co-chair of WG4-Assessment tools, within the Radiation Protection Culture initiative; member of the Radiation Protection Strategy and Practice Committee.

She is member of the IRPA Executive Council, 2016-2020. She has served IRPA as chair of the two consecutive TGs on the implications and implementation of the dose for the lens of the eye, 2015-2020; previously as vice chair of the TG on the same thematic; and in 2013 she presented the view of the IRPA professionals on this issue at the 2nd ICRP Symposium.

She is member of the ICRP C3 from 2017; member of TG 94 established in 2012 to develop a publication presenting the ethical foundations of the system of radiological protection, ICRP Publication 138, 2018; co-chair from 2018 of TG 109 on Ethics in Radiological Protection for Medical Diagnosis and Treatment. She is member of NEA CRPPH, from 2012; member of Expert Groups EGRPS, EGIR; and vice chair of EGDLE, 2019-2021. She is the co-founder and co-chair of the International Summer School in RWM & ND, jointly organised by EC-JRC IAEA, AIRP and UMIL, 2009-2016.

Her research activities cover different aspects of RP, including: -internal dosimetry in accidental exposure of public and workers; -biodistribution and kinetics of

radiopharmaceuticals and the optimization of imaging protocols; -proactive approaches to assessing and reducing the risk of accidental exposure in radiotherapy. She is also focusing her interest on ethical issues, stakeholder engagement and communication in RP. She is responsible for UMIL, in EU research projects H2020 (Concert, Confidence, Engage), and previously in Euratom Fission and RP (from 3<sup>rd</sup> to 7<sup>th</sup> FP).