

***Curriculum vitae* of FIORINO CLAUDIO**

Born in Milano, 3 September 1965. Married in 1990, with four children.

Society background: I entered in ESTRO in 1991, first as a young and then as a full member. I was involved in several working groups on physics booklets (since 1994) and in the Quasimodo research project (2003-2005). I have been an active member of the scientific committees of ESTRO meetings (since 1996), biennial physics ESTRO meetings and director/co-director of several pre-meeting courses. I acted as invited lecturer and faculty teacher of several ESTRO courses and as director of the “IMRT course” (2006-2012); I am currently a faculty member of the “Master Class for radiotherapy medical physics” course and of the new “Interdisciplinary course on rectal cancer”. I was Chair of the ESTRO meeting in Vienna, 2014. Since 2007, I have been a member of the ESTRO Physics Committee, Board member during the last 3 years, member of the ESTRO Scientific Council and actively involved in the task group on the “future of radiotherapy medical physics”, functioning also as ESTRO representative in the “FUTURE” AAPM task group. Currently I am chairing the first Think-Tank meeting (November 2019) on the “most provocative questions to radiotherapy medical physics”. Member of the steering committee of the E2Radiate ESTRO-EORTC initiative.

Education: After completing high school (Liceo Scientifico G.B. Vico, Cologno M., Milano), I graduated in Physics in 1990 at the University (Università Statale) of Milano and as medical physicist in the post-graduate school of Milano in 1994 (cum laude).

Experience and qualifications: After a one-year research fellowship at San Raffaele Scientific Institute in the Medical Physics Department, I was employed in the same department in 1991 as medical physicist. In more than 25-year experience fully dedicated to radiotherapy medical physics, I worked on both clinical and development/research domains. I was involved in research collaborations with Italian and international groups on many topics, mainly concerning advanced radiotherapy techniques and new technology, modelling of complications, image-guided and adaptive radiotherapy, quantitative imaging applied to radiotherapy: I was PI of several funded research grants and co-author of a number of guidelines and booklets on several topics edited by national and international societies (Italian association of medical physics AIFM, National Health Institute ISS, Italian Society of Urological Oncology SIURO, ESTRO). I was active member of several task groups (AIFM, ESTRO, National Health Institute – ISS, AIRO) and actually responsible of the AIFM task group on the “Future of Medical Physics”.

I functioned as a tutor of many graduate and post-graduate Thesis in radiotherapy physics as well as member of reading committees of international PhD thesis.

I was director/co-director of ten AIFM national courses and currently am director of the regular National course on “predictive modelling in external radiotherapy”. I was member of the Scientific Board of national (AIRO, AIFM) and international (ESTRO, ICCR) meetings.

I am a member of the Editorial Boards of EJMP (Physica Medica) (since 2002), Radiotherapy and Oncology (since 2003), Radiation Oncology (since 2007) and PhiRO. I worked as Physics Senior Associate Editor of the Int J Radiat Oncol Biol Phys (2012-2013) and am currently Associate Editor of EJMP (since 2014). I received the Italian accreditation for University teaching for associate professorship (2013, applied Physics). I have authored or co-authored several book chapters and over 200 full papers with in total about 4800 citations (h-index: 41, Scopus: Dec 2018).

Candidate Statement: Over the past 20 years, we lived an extraordinary period: radiotherapy made an impressively huge jump, becoming a fully recognised, highly reputed clinical and scientific discipline within the oncology field. ESTRO has largely been part of this process as one of the main scientific partners of thousands of specialists in Europe and outside Europe, mainly thanks to its inter-disciplinarity, independency, reputation and high scientific profile. Medical physics greatly contributed to this success story, both in the radiotherapy community and within ESTRO.

Based on this and on my personal path within ESTRO, a major statement of my commitment in the Board will be to continue to merge this strong tradition with the innovation required by our changing times, as I tried to do in the first 3-year within the Board.

The road towards ever more individualised and integrated therapies, safely delivered by appropriate technology, needs to be supported by clear and inspired visions of the future of radiotherapy, which should not be only “new-tech/high-tech” but, above all, science, shared ideas, cooperation and integration.

In particular, looking to the medical physics component, one of the biggest challenges for the next years is to contribute in new ways to emerging fields, in strict collaboration with radiation oncologists, biologists, therapists and other specialists.

Linked with this commitment, I promoted with the support of the Physics Committee an ESTRO Think-tank meeting on the future of radiotherapy medical physics that was approved by the Board and that will be held in November 2019. The meeting will focus on “the most provocative questions to radiotherapy medical physics” with a 10-year scenario toward the future. Within my commitment in the Board and in ESTRO, the success of this important event, including the expected publication of a vision paper based on the outcome of the meeting, will have the highest priority.