

CV of Fabrizio Fiori



Current position: Associate Professor of Applied Physics at the Università Politecnica delle Marche – Department Di.S.C.O. Faculty of Medicine, Ancona, Italy.

Educational and professional qualifications:

Fabrizio Fiori received his BSc and PhD in Physics from the University of Bologna.

During his PhD he performed experimental work at CERN in Geneva, Switzerland.

After being a Research Fellow in Biophysics and Adjunct Professor of Applied Physics at the Faculty of Medicine of the Polytechnic University of Marche, Ancona, he was a Researcher at the Ancona Research Unit of the INFM (National Institute for the Physics of Matter) until 2001, when he joined the Academic Staff of the Faculty of Medicine of the Polytechnic University of Marche, as University Researcher of Applied Physics.

He is currently Associate Professor of Applied Physics.

His research interests are in the field of advanced experimental methods, such as neutron/ X-ray diffraction, small angle neutron/ X-ray scattering, neutron radiography/tomography and X-ray microtomography, applied to biomedical research, biomaterials, materials science and cultural heritage. These activities are largely carried out at large European facilities, such as the ILL and ESRF in Grenoble, France, the Helmholtz Centre and BESSY in Berlin, Germany, PSI in Villigen, Zurich, Switzerland, and others.

He has participated in numerous projects, both at national and European level, applying the above-mentioned techniques in the fields of stem cell research for the therapy of neurological diseases, biomaterials for bone scaffolds and materials and alloys for technological applications.

He is the author of about 100 publications in international scientific journals, books and conference proceedings.