

Prof.ssa Francesca Monti

I am Associate Professor (since 2005) in Experimental Physics at the Department of Computer Science of the University of Verona. I have been member of the Italian National University Council for eight years from 2013 to 2021. Since June 2023 I am president of the permanent didactic commission of the Italian Physical Society.

My present teaching activities include various graduate courses at the University of Verona for the degrees in Bioinformatics, in Applied Mathematics, in Molecular and Medical Biotechnology and in the combined bachelor-master degree in Primary School Education. I am local coordinator at the university of Verona of the project "Piano Nazionale Lauree Scientifiche" in Physics since 2014.

My present research interests are in two main directions: biotechnological applications of FT-IR spectroscopy and X-ray absorption spectroscopy including multivariate statistical analysis techniques; physics education and science education including the role of history in science education, especially devoted to the teaching of Modern Physics at the University level and to pre-service teachers' education (Primary and Secondary School).