



My name is Barbara Zaniol, I received my degree in Physics in 1996 and my Ph.D in Energetics in 2000 from Padova University, Italy. I've been a researcher at Consorzio RFX, Padova since 2001, working on plasma spectroscopy. My field of research ranges from hot plasmas of fusion experiments to the colder ones of negative ion sources and of industrial and medical devices. I mostly worked at Consorzio RFX, but I was also engaged in several international collaborations in nuclear fusion laboratories in the United States, Germany and France. I'm responsible of visible spectrometers of RFX experiment and also of the spectroscopic diagnostic systems of ITER Neutral Beam Test Facility (NBTF). I published more than 115 papers in international journals.