



Roberto Pasqualotto was born in Padova, Italy, in 1963. He received his degree in Physics in 1988 and Ph.D in Energetics in 1992 from Padova University, Italy. Researcher with the National Research Council (CNR) Institute for Science and Technology of Plasmas (ISTP) since 1991, is now research director, seconded to Consorzio RFX, Padova. He has mostly worked at Consorzio RFX on the RFX experiment and on the ITER Neutral Beam Test Facility (NBTF), but he also been engaged in several international collaborations in nuclear fusion laboratories in Sweden, Switzerland, United States, Germany, Japan and mainly in the United Kingdom, with project responsibilities especially at JET in UK and with participation to ITER projects. His research activity mainly focused on experimental topics and analysis of data from nuclear fusion plasma diagnostics, working in particular on Thomson scattering (TS) diagnostics and studying the energy confinement in the plasma. In 2000-2009 he has been responsible of the High Resolution Thomson Scattering diagnostic at JET. Since 2009 he is responsible of the development and operation of diagnostics for the beam injector and ion sources, based on negative ions, on the ITER NBTF at Consorzio RFX. He has published more than 210 papers in international journals and reviewed more than 130 papers.