

Alberto Porta's short CV

Alberto Porta was born in 1964 in Castiglione delle Stiviere, Mantova, Italy. He graduated in Electronic Engineering at Politecnico di Milano, Milan, Italy in 1989. He was a Research Fellow on Automatic Control and System Theory at the Faculty of Engineering, Department of Electronics for Automation, Università degli Studi di Brescia, Brescia, Italy until 1994. He received his PhD degree in Biomedical Engineering at Politecnico di Milano, Milan, Italy in 1999. From September, 1993 to December, 1994 he was a consultant at Fidia Farmaceutici, Abano Terme, Padova, inside a project testing the use of telemetric systems to monitor ECG and blood pressure in conscious unrestrained rats. From 1994 to 1998 he was a consultant at "L. Sacco" Hospital, Internal Medicine II, Università degli Studi di Milano, Milan, Italy where he was responsible for the cardiovascular signal processing. From 1999 to 2004 he taught Biomedical Instrumentation at the Department of Electronics for Automation, Università degli Studi di Brescia, Brescia, Italy. Since 1999 he has been with the Faculty of Medicine, Università degli Studi di Milano, Milan, Italy where he became Researcher in Biomedical Engineering and Informatics (SSD: ING-INF/06) in 2005 and Associate Professor in 2011. Since 2017 he has been Full Professor in the same Faculty and University. Since 2006 he has been teaching Medical Physics, since 2007 Applied Medical Statistics and since 2011 Bioengineering in the Faculty of Medicine, Università degli Studi di Milano, Milan, Italy. He is referee of several international journals in the fields of Computational Biology, Biomedical Engineering, Biological Cybernetics, Bioinformatics, Applied Physics and Statistics, Physiology, Clinical Cardiology and Neurosciences. Since 2007 he has been Associate Editor of the International Conference of the IEEE Engineering in Medicine and Biology Society (Theme 1: Biomedical Signal Processing). He is currently member of the board of American Journal of Physiology (Regulatory, Integrative and Comparative Physiology), Autonomic Neuroscience: Basic and Clinical, Clinical Autonomic Research, European Physical Journal Nonlinear Biomedical Physics, Physiological Measurement, Entropy and Associate Editor of Medical & Biomedical Engineering & Computing and Frontiers in Autonomic Neuroscience. Since 2012 he has been the President of the European Study Group on Cardiovascular Oscillations. His primary interests include time series analysis, biomedical signal processing, spectral analysis, quantification of complexity, entropy, causality, prediction, symbolic analysis, nonlinear dynamics, biological cybernetics, system identification and modeling. Applications are mainly focused on cardiovascular system, on cardiovascular regulatory mechanisms and cardiovascular neuroscience. He is author of more than 265 papers published on peer-review international journals. His current H-index is 52 (source: Scopus). Complete list of publications can be found at the Scopus ID: 7005322848.