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Short biography of Rector Francesco Svelto

Francesco Svelto received the Laurea and Ph.D. degrees in Electrical Engineering from University of Pavia, Pavia, Italy, in 1991 and 1995, respectively.

During his Ph.D. studies, focused on the design of low noise electronic circuits for high energy physics experiments, he was Associate Researcher for a few months in several international institutions: Brookhaven National Laboratory (U.S.), Lawrence Berkeley National Laboratories (U.S.), C.E.R.N. (Switzerland), Laboratoire du l' Accelérateur Lineaire (France). From 1996 to 1997, he held a grant from STMicroelectronics for research in the area of CMOS wireless circuits. In 1997, he was appointed Assistant Professor at University of Bergamo, and in 2000 he joined University of Pavia.

He has been technical advisor of RFDomus Inc., a start-up he co-founded in 2002 dedicated to highly integrated GPS receivers. After merging with Glonav Inc. (Ireland), RFDomus has been acquired by NXP Semiconductors in 2007.

Since January 2006 he has been the Director of a Scientific Laboratory, joint between University of Pavia and STMicroelectronics, dedicated to research in Microelectronics. Research interests are in the field of RF and mm-wave systems for wireless communications, high-speed serial links and ultrasound electronics for medical diagnostic. Silicon photonics, both in the area of optical components and electronics transceiver design, is drawing more and more research interest.

Dr. Svelto has been a member of the technical program committee of the International Solid State Circuits Conference, the Custom Integrated Circuits Conference, and the Bipolar/BiCMOS Circuits Technology Meeting: all organized by the Institute of Electrical and Electronics Engineers (IEEE). He is presently a member of the technical program committee of the European Solid State Circuits Conference. He served as Associate Editor of the IEEE Journal of Solid-State Circuits (2003–2007), and as Guest Editor for a special issue on the same journal in March 2003.

He is co-recipient of the IEEE Journal of Solid-State Circuits 2003 Best Paper Award, Fellow of the IEEE and Solid-State Circuits Society Distinguished lecturer.

In 2008 he has been appointed Vice-President of the Faculty of Engineering of University of Pavia. Between 2013-2019 he has been Vice-President for Knowledge Transfer.

Since October 2019 he is the Rector of University of Pavia.

The main projects he is overseeing as Rector of the University of Pavia are:

1. 'Health Campus': 10,500 sqm for classrooms, libraries, and an integrated simulated teaching centre for medical students, with a virtual hospital, in the historic buildings of the IRCCS Policlinico san Matteo (University Hospital). It will be inaugurated in September 2023.
2. 'Parco Cardano per l'innovazione sostenibile' (Cardano Park for sustainable innovation): an 11,000 square metre infrastructure where companies and research laboratories will operate side by side for joint projects and the creation of new enterprises.