

## CV Martin Vetterli

Martin Vetterli was born in 1957 and grew up near Neuchâtel. He received the Dipl. El.-Ing. Degree from Eidgenössische Technische Hochschule (ETHZ), Zurich, in 1981, the Master of Science degree from Stanford University in 1982, and the Doctorat ès Sciences degree from the Ecole Polytechnique Fédérale, Lausanne, in 1986.

After his dissertation, he was an Assistant and then Associate Professor in Electrical Engineering at Columbia University in New York, and in 1993, he became an Associate and then Full Professor at the Department of Electrical Engineering and Computer Sciences at the University of California at Berkeley. In 1995, he joined the EPFL as a Full Professor. He held several positions at EPFL, including Chair of Communication Systems and founding director of the National Competence Center in Research on Mobile Information and Communication systems (NCCR-MICS). From 2004 to 2011 he was Vice President of EPFL and from 2011 to 2012, he was the Dean of the School of Computer and Communications Sciences.

He works in the areas of electrical engineering, computer sciences and applied mathematics. His work covers wavelet theory and applications, image and video compression, self-organized communications systems and sensor networks, as well as fast algorithms, and has led to about 150 journals papers. He is the co-author of three textbooks, with J. Kovačević, "Wavelets and Subband Coding" (Prentice-Hall, 1995), with P. Prandoni, "Signal Processing for Communications", (CRC Press, 2008) and with J. Kovačević and V. Goyal, of the book "Foundations of Signal Processing" (Cambridge University Press, 2014).

His research resulted also in about two dozen patents that led to technology transfers to high-tech companies and the creation of several start-ups.

His work won him numerous prizes, like best paper awards from EURASIP in 1984 and of the IEEE Signal Processing Society in 1991, 1996 and 2006, the Swiss National Latsis Prize in 1996, the SPIE Presidential award in 1999, the IEEE Signal Processing Technical Achievement Award in 2001 and the IEEE Signal Processing Society Award in 2010. He is a Fellow of IEEE, of ACM and EURASIP, was a member of the Swiss Council on Science and Technology (2000-2004), and is an ISI highly cited researcher in engineering.

Since January 2013 Martin Vetterli has been the President of the National Research Council of the Swiss National Science Foundation.