

Curriculum Vitae Bart De Moor, dd. 11/10/2010

Professional Address: vice-rector International Policy: Katholieke Universiteit Leuven, Naamse Straat 22, BE-3000 Leuven, Belgium; T: +32(0)16321709; E: bart.demoor@rec.kuleuven.be; professor EE: ESAT-SCD, K.U.Leuven, Kasteelpark Arenberg 10, BE-3001 Leuven, Belgium; T: +32(0)16321709; E: bart.demoor@esat.kuleuven.be

Private: Parklaan 5, BE-3360 Lovenjoel, Belgium; T: +32(0)475287052; E: bart.demoor@esat.kuleuven.be



Bart De Moor was born Tuesday July 12, 1960 in Halle, Belgium. He is married and has three children. In 1983, he obtained his Master Degree in Electrical Engineering at the Katholieke Universiteit Leuven, Belgium, and a PhD in Engineering at the same university in 1988. He spent 2 years as a Visiting Research Associate at Stanford University (1988-1990) at the departments of EE (ISL, Prof. Kailath) and CS (Prof. Golub). Currently, he is a full professor at the Department of Electrical Engineering (<http://www.esat.kuleuven.ac.be>) of the Katholieke Universiteit Leuven in the research group SCD (<http://www.esat.kuleuven.ac.be/sista-cosic-docarch/template.php>), and vice-rector for International Policy of the University of Leuven.

His research interests are in numerical linear algebra and optimization, system theory and system identification, quantum information theory, control theory, data-mining, information retrieval and bio-informatics (for books and research publications, see the publication search engine at <http://homes.esat.kuleuven.be/~sistawww/cgi-bin/pub.pl>). He is also the coordinator of several research networks (www.kuleuven.be/bioscenter, www.kuleuven.be/biomagnet, www.kuleuven.be/symbiosys) and is the promotor of numerous research projects funded by regional, federal and European funding agencies.

Currently, he is leading a research group of 30 PhD students and 8 postdocs and in the recent past, 55 PhDs were obtained under his guidance. He has been teaching at several universities in Europe and the US. He is also a member of several scientific and professional organizations and jury member of several awards (Tech Art Prize, Innovation Award of the Flemish Government, Barco Innovation Award, ICOS Award, Egemin Award). His work has won him several scientific awards (Leybold-Heraeus Prize (1986), Leslie Fox Prize (1989), Guillemin-Cauer best paper Award of the IEEE Transaction on Circuits and Systems (1990), Laureate of the Belgian Royal Academy of Sciences (1992), bi-annual Siemens Award (1994), best paper award of Automatica (IFAC, 1996), IEEE Signal Processing Society Best Paper Award (1999)). In November 2010, he received the 5-annual FWO Excellence Award out of the hands of King Albert II of Belgium. Since 2004 he is a fellow of the IEEE (www.ieee.org). He is an associate editor of several scientific journals.

From 1991-1999 he was the Head of Cabinet and/or Main Advisor on Science and Technology of several ministers of the Belgian Federal Government (Demeester, Martens) and the Flanders Regional Governments (Demeester, Van den Brande). From December 2005 to July 2007, he was the Head of Cabinet on socio-economic policy of the minister-president of Flanders, Yves Leterme (current Prime Minister), capacity in which he was the coordinator of a new socio-economic business plan for the Flemish region (www.vlaandereninactie.be).

He was and/or is in the board of 6 spin-off companies (www.ipcos.be, www.data4s.com, www.tml.be, www.silicos.com, www.dsquare.be, www.cartagenia.be), which he co-founded, of the Flemish Interuniversity Institute for Biotechnology (www.vib.be), the Study Center for Nuclear Energy (www.sck.be), the Institute for Broad Band Technology (www.ibbt.be). He is also the Chairman of the Industrial Research Fund (<http://www.kuleuven.be/industrialresearchfund/>), Hercules (heavy equipment funding in Flanders, www.herculesstichting.be), the Flemish Children Science Center Technopolis (www.technopolis.be), the Alamire Foundation (<http://www.alamirefoundation.org/>) and several other scientific and cultural organizations. As a vice-rector for International Policy, he is a member of the Executive Committee and the Academic Council of the Katholieke Universiteit Leuven and of the Board of Directors of the Association K.U.Leuven.

He made regular television appearances in the Science Show 'Hoe?Zo!' on national television in Belgium (www.tv1.be). Full details on his CV can be found at www.esat.kuleuven.ac.be/~demoor.