

Keynote Speech III

RF Sigma-Delta ADC: Realizing the Cognitive Radio Dream

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BIOGRAPHY OF HASSAN ABOUSHADY



Hassan Aboushady received the B.Sc. degree in Electrical Engineering from Cairo University, Egypt, in 1993, the M.Sc. and Ph.D. degrees in Electrical Engineering and Computer Science from Sorbonne University, Campus Pierre & Marie Curie, UPMC, Paris VI, France in 1996 and 2002 respectively .

Hassan Aboushady is currently an Associate Professor at Sorbonne University, Campus Pierre and Marie Curie, UPMC, Paris VI, France.

In 1999, he worked on the design of high resolution audio Digital-to-Analog converters at Philips Research Laboratories (currently NXP), Eindhoven, The Netherlands. In 2001, he worked on the implementation of a baseband continuous-time Sigma-Delta modulator for RF receivers at STMicroelectronics, Crolles, France.

Hassan Aboushady was a visiting professor for several months at the French University in Egypt, UFE, the Federal University of Rio Grande do Norte, UFRN, Brazil, and "Technologico de Monterrey", ITESM, Guadalajara, Mexico, in 2007, 2011 and 2013 respectively. During the academic year 2012-2013, he was on a sabbatical leave at the Ecole Polytechnique, LIPCM laboratory, working on the design of analog circuits using organic electronics.



His research interests include Sigma-Delta modulation, analog and RF circuit design and Analog-to-Digital conversion. He is the author and co-author of more than 60 publications in these areas. He is the recipient of the 2004 best paper award in the IEEE Design Automation and Test in Europe Conference, as well as the recipient and the co-recipient of the 2nd and the 3rd best student paper awards of the IEEE Midwest Symposium on Circuits and Systems in 2000 and 2003 respectively. Dr. Aboushady has also served as a TPC member of the IEEE International Conference on Microelectronics (ICM), the IEEE Latin American Symposium on Circuits and Systems (LASCAS) and the Symposium on Integrated Circuit Design (SBCCI). He is also a member of the IEEE Circuits and Systems for Communications Committee (CASCOM). He is an IEEE-CAS distinguished lecturer and an Associate Editor of IEEE Transactions on Circuits & Systems II.