



FIRST INTERNATIONAL NANOTECHNOLOGY CONFERENCE ON COMMUNICATION AND COOPERATION

Speaker's Bio

Hugo De Man



Hugo De Man is professor in electrical engineering at the Katholieke Universiteit Leuven, Belgium since 1976. In 1975, he was visiting associate professor at U.C.Berkeley teaching device physics and IC design. His early research was devoted to the development of mixed-signal, switched capacitor and DSP simulation tools as well as new topologies for high speed CMOS circuits.

He is cofounder of IMEC (Interuniversity Micro-electronics Center), where he was Vice-President from 1984-1995, in charge of design methods for DSP and telecom oriented chip architectures. Since then he is a Senior Research Fellow of IMEC, working on design methods for low power post-PC systems in nano-scale technologies.

The work of his research team at IMEC has lead to many novel tools and methods in the area of high level synthesis, hardware-software co-design and C++ based design now available through a number of spin-off companies.

In 1999 he received the Technical Achievement Award of the IEEE Signal Processing Society, The Phil Kaufman Award of the EDA Consortium and the Golden Jubilee Medal of the IEEE Circuits and Systems Society . In 2004 he received the lifetime achievement awards respectively of the "European Design and Automation Association (EDAA)" as well as the "European Electronics Industry".

Hugo De Man is a Fellow of IEEE and a member of the Royal Academy of Sciences in Belgium.