Dr. Jean-Louis Giavitto
short notice

Born in 1963, Jean-Louis Giavitto obtained in 1986 simultaneously a Engineering Diploma at ENSEEIHT (a french engineering school corresponding to five years after the College) and a Master Thesis degrees from the University of Toulouse in computer science. Then he first worked as a research engineer and next as a group leader for 5 years at the Alcatel Research Center near Paris. At this time he has been involved in two european research projects on formal methods and software engineering involving including academic and industrial partners from six european countries. He lefts Alcatel in 1990 to obtain a PhD degree from the University of Orsay in Paris and then joined the CNRS (the french national center for research) as a junior scientist in 1992. His work focused on parallel programming languages, using the first Connection Machine installed in Europe. Dr. jean-Louis Giavitto obtained the *Habilitation* (the teniure) in 1998 and takes up a new position, still with the CNRS, at the University of Evry in 2000. His research interests switched to the conception of dedicated programming language for complex modeling and simulation in biology.

Dr. Giavitto becomes deputy manager of the LaMI laboratory (the computer science laboratory at the University of Evry) in 2002 and head of the lab in 2004. He becomes also research director (senior computer scientist) at the CNRS. In 2006, He founded a new laboratory, called IBISC for "Informatique, Biologie Intégrative et Systèmes Complexes" (Computer Science, System Biology and Complex Systems) by merging the LaMI and the laboratory of Control and Robotics of Evry. IBISC has now 70 faculty and staff members and 60 PhD students.

His current research interests include the design of new programming mechanisms and their application to new areas. The methods used are based on concepts borrowed from algebraic topology, declarative and functional programming and abstract reduction systems. The application domains are the modeling and the simulation of complex dynamical systems, and especially developmental processes, cellular processes, amorphous and autonomic systems.

Author of about 10 books chapter and about 50 reviewed international publications with more than 40 co-authors, he is also the editor of 4 books and the editor-in-chief of "Technique et Science Informatique" (Computer Science and Computer Engineering) the only French scientific journal covering all area in computer science. He is also member of several academic societies: EATCS (European Association for Theoretical Computer Science), EAPLS (European Association for Programming Languages and Systems) and a board member of the ASTI (french professional Society of Sciences and Technologies of Information and Communication).

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