

Curriculum Vitae (October 2016)

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Andrea Bobbio graduated from Politecnico di Torino in 1969.

In 1971 he joined the Istituto Elettrotecnico Nazionale Galileo Ferraris di Torino, where he was involved in activities connected with the organization of a "Reliability Club" (Circolo dell'Affidabilita`). His activity was then focused on the modeling and analysis of the performance and reliability of stochastic systems. He addressed his interests in the study of aggregation techniques in large and stiff Markov chains, and in the analysis of non-Markovian systems through stochastic Petri Nets. Recently, he contributed to the development of a new formalism, called Fluid Petri Nets, and to the study of heterogeneous modeling techniques for dependable systems, ranging from combinatorial techniques to Bayesian belief networks, to state-space based techniques.

In 1992, he became Associate Professor of Computer Engineering (K05A) at the Department of "Elettronica per l'Automazione" of the University of Brescia, and in 1995 he moved to the Department of Informatica of the University of Torino. In 2000, he became full professor at the Universita` del Piemonte Orientale of Alessandria, Italy. Moreover, he teaches a course in Reliability Engineering in a Master and Phd program at Politecnico di Torino.

Bobbio has spent various research periods in well recognized foreign universities. He was at the Dept. of Computer Science of the Duke University (Durham NC, USA), during the fall semester in 1984 and 1987, and in the spring semester of 2015 he was visiting Professor at the Department of Computing and Electrical Engineering. From 1989, he has been several times visiting the Technical University of Budapest. In 2002, he spent 2 months at the Dept. of Computer Science and Engineering at the Indian Institute of Technology in Kanpur (India) and in 2007-2008 at the Ecole Normale Supérieure de Cachan (Parigi). In the spring semester of 2014 he was visiting Professor at the Indian Institute of Technology in Gandhinagar.

He has been principal investigator and leader of research groups in various research projects with public and private institutions, and he is the author of several papers in international journals, conferences and workshops.