



**Marco Breda Dr.**, received the Electronic Engineering degree from the University of Rome "Sapienza", Italy, summa cum laude, in 1989. Up to the 1991 he worked in Telecom Italia, the national telecommunication network operator, as designer of advanced private telecommunication networks. In 1991 he joined the Ericsson Telecomunicazioni research division, as researcher in the Broadband Networks area, especially in the Traffic Management and Routing in Asynchronous Transfer Mode networks. Here he has been involved in studies based on both traditional techniques and new

Computational Intelligence paradigms, such as Artificial Neural Networks, Fuzzy Logic and Evolutionary Computation. In 1998 he started collaborating for several computer science companies, where he has mainly been committed in project management activities for information technology projects, dealing with both classical Data Management technologies and Business Intelligence paradigms, as Data Warehousing and Data Mining. In 2000 joined Sema, merged into Atos Origin Italia and then into Engineering Ingegneria informatica, where he is still working as responsible for the Advanced Analytics Competency Center.

In parallel, since the 1997, he has been operating, as associated researcher, in the Semeion Research Center, Special Scientific Institute of the Ministry for Education University and Research, where he has been committed mainly in basic research on new algorithms for Artificial Neural Networks and evolutionary computation, producing several national and international publications.

Since 2010 he is professor at the "Enrico della Valle" Engineering Training School, owner of the courses "Data Warehouse Designing" and "Data Mining based data analysis".

Specialties: Artificial Neural Networks, Evolutionary and Genetic Algorithms, Data Mining, System Integration