PIER LUCA MONTESSORO
Curriculum vitae

Pier Luca Montessoro was born in Torino, Italy, on November 25, 1961. He received the Dr. Eng. degree cum laude in Electronic Engineering from the Politecnico di Torino, Italy, in 1986.
He has been with the Consiglio Nazionale delle Ricerche (C.N.R.), the Italian National Council for Scientific Research, from 1988 to 1992. During this period, he has also been scientific consultant for the Digital Equipment Corporation (later Compaq) in Hudson, Mass. (USA) in the field of simulation for VLSI design.

His teaching and research activities began at Politecnico di Torino where he taught computer programming, computer architectures, computer networks and databases in a Management Engineering course from 1990 to 1994. In November 1992 he moved to University of Udine (in Udine, Italy) as associate professor in computer science and since November 2002 he is full professor. His teaching activity at the engineering faculty is on computer science fundamentals, computer networks and cybersecurity. He recorded two video-courses for the Nettuno on-line university, he is author of several didactic publications, more than eighty scientific papers, some patents and together with Silvano Gai and Pietro Nicoletti wrote a popular book ("Reti locali: dal cablaggio all'internetworking", SSGRR, in italian) on structured cabling systems, LAN and internetworking, also included in their multimedia CD-ROM. On many occasions he has held scientific dissemination seminars, some of which are available in streaming on public channels and platforms. He has developed several teaching software projects published on the international platform for open source software GitHub which are also used by teachers of other universities and some technical institutes (for links and further details: https://www.montessoro.it/teaching.html and https://www.montessoro.it/software.html).

His research interests, after several years spent on CAD for digital circuits design and, later, on multimedia systems for teleteaching and e-learning, are currently focused on computer networks, on ICT security, and on distributed controls and algorithms for agents-based systems. He led two winner teams in the "StartCup" business plan competitions: in 2007 with the "Virtual Watchdog" project and in 2013 with "Thermostat++".

At the University of Udine he held numerous institutional positions. Since 2019 he has been the rector's delegate for the ICT, web and networks sector, a role he currently holds. From 2013 to 2020 he was coordinator of the degree course in Electronic Engineering and in the same period (2013-2019) he was also area delegate for ICT. Previously, from 2003 to 2009, he was head of the Department of Electrical, Management and Mechanical Engineering and rector's delegate for computer networks and systems. Until October 2002 he had been head of the university's Computing Center for seven years. Before being elected head of the Department of Electrical, Management and Mechanical Engineering he was president of the Council of the Degree Course in Multimedia Sciences and Technologies of the Faculty of Educational Sciences at the Pordenone branch of the University of Udine. At a national level he was a member of the GARR commission appointed by the board of the CRUI (Conference of Rectors of Italian Universities), a commission that created the foundations for what later became the current GARR network. He was a member of the Technical Committee of CINECA in Bologna and subsequently representative of the University of Udine in the consortium membership assembly, a role he still holds today. There have been numerous participations in commissions and working groups resulting from these roles.

Among his organizational activities in the scientific field, in 2013 he organized and was chair of the WCC 2013 workshop "International Workshop on Cloud Convergence: challenges for future infrastructures and services", within the ICC 2013 conference - IEEE International Conference on Communications held in Budapest, Hungary, and in 2016 organized and was general chair of the 30th edition of the Didamatica conference, held in Udine.

Related to the interest in multimedia systems, Pier Luca Montessoro developed several studies about audio-video piracy, in addition to software piracy, and has been consultant of magistrates in several proceedings. He is also member of SIAE ("Società Italiana degli Autori ed Editori"), the Italian authors and editors society, as composer and song writer.