

Barbara Martini CV

Barbara Martini is Associate Professor at Universitas Mercatorum in Software Engineering (ING-INF/05), Italy since January 2022 and Affiliate Researcher with Scuola Superiore Sant'Anna, Italy, since 2003. After her Master Degree at University of Florence in Electronic Engineer, she worked as software designer, developer and product integrator for two large telco companies, Italtel and Marconi Communications (currently, Ericsson), from 1999 to 2003. She was the Italian University Consortium for Telecommunication (CNIT) from 2003 to 2022 with leading roles from 2009, coordinating research activities in the field of network virtualization and orchestration in 5G, network control/management architectures and programmability, service platforms for networking, and security solutions for multi-domain networks and NFV deployments. The research is carried out in several application scenarios, from Logistics, Genomics to E-health, to name a few.

She has been involved in several national/EU research projects, the recent ones 5GPPP 5GEx, 5GTRANSFORMER, 5GROWTH in 5G/SDN/NFV, ICONET in Physical Internet for Logistics, and in several FIRE projects (OFELIA, Fed4FIRE+, TRIANGLE, 5GINFIRE) with leading roles. Overall, she has been involved in 10 commissioned jobs funded by ICT industries, the two recent ones as scientific person in charge of coordinating research activities, and in 14 research projects funded by both the European Union and National Institutions, the most recent ones as Principal Investigator. She is also active in standardization activities in IEEE, ETSI and most recently in IETF/IRTF. She is an Adjunct Professor with the Sant'Anna School of Advanced Studies and formerly with University of Pisa, Pisa, Italy, teaching courses to PhD and Graduate programs. She is also very active in the scientific community as Organizing Committee member and Technical Program Committee member of several IEEE/OSA conferences, Editor for IEEE/OSA/MDPI scientific journals, and Reviewer for IEEE/Elsevier/OSA journals in my research area. Finally, she has been appointed by the European Union and European Institute of Technology as evaluator of competitive proposals submitted to ICT calls and as reviewer of running research projects under the European Union FP7 and H2020 programs.