Maria Luisa Merani - Curriculum Vitae

Maria Luisa Merani received both the M.Sc. (summa cum laude) and the Ph.D. in electrical engineering from the University of Bologna, Italy. In 1991 she spent one year at the Computer Science Department of the University of California in Los Angeles. Since 1993 she is with the Department of Information Engineering of the University of Modena and Reggio Emilia, where she is an associate professor in telecommunications. At present she is involved in research on Internet of Vehicles (IoV), with emphasis on the safety of vulnerable road users, as well as on Non-Orthogonal Multiple Access (NOMA) techniques. M.L. Merani served as the technical program co-chair for the 2nd IEEE International Symposium on Wireless Communication Systems 2005 (ISWCS'05) and for IEEE Globecom, 2007 and 2009 editions. In 2010 she was the general chair of the sixth IEEE International Wireless Pervasive Computing Conference, IEEE ISWPC 2010. In October 2009 Cambridge University Press published her textbook "Hands on networking: from theory to practice". In 2012 she coordinated the Erasmus+ Intensive Programme for PhD students "Multimedia and the Future Internet: Moving Social and Mobile". In the same year she won the 2012 edition of the BMW App Games with Emanuel Mazzilli. M.L. Merani served as an editor of the IEEE Transactions on Wireless Communications over the years 2010-2013. In 2018 she coordinated the experimental project "Dynamic, Energy-AwaRe PaTh Selection in Hybrid Wireless SeTtings (DART-HIT)", and in 2020 the experimental project "eXploiting multi-radio access Technologies for emeRgency communicAtions in vehiCulAr enviRonmentS (XTRA-CARS)", both funded by H2020. ln 2020 she was the co-winner with R. Amoroso and F. Esposito of the Best Poster Award at the International Conference on emerging Networking EXperiments and Technologies, ACM CoNext. In 2025 she will be the general co-chair of the IEEE Wireless Communications and Networking Conference (WCNC), the flagship conference in the wireless research arena. Maria Luisa Merani is an IEEE Senior Member.