

CURRICULUM VITAE

Maria C. Calzarossa

Maria C. Calzarossa is a Professor of Computer Engineering at the Department of Electrical, Computer and Biomedical Engineering of the University of Pavia (Italy) where she is also the Director of the Performance Evaluation Laboratory. She served as Deputy Director of the Department of Electrical, Computer and Biomedical Engineering (2012-2018) and as Director of the Ph.D. Programme in Informatics, Electronic and Electrical Engineering (2010-2015). She has been a Visiting Scientist at the University of California – Berkeley and at Duke University.

During her scientific career, she has been the principal investigator of research projects funded by Italian and international research agencies and companies (European Commission, Italian Ministry of University and Research, Italian Space Agency, SPEC, AICA). In particular, she has been the principal investigator of the MIUR-FIRB Perf project, a project that focused on the investigation of techniques and tools for performance evaluation of complex systems and applications. This project involved research groups from 15 Italian Universities and research centers.

She has been the Director of the Observatory of ICT certifications in Italian Universities and High Schools sponsored by the Italian Computer Society in collaboration with the Conference of the Rectors of the Italian Universities.

She is the Italian representative in the IFIP TC7 "System Modeling and Optimization", an elected member of IFIP WG 7.3 "Computer System Modeling" and a Senior member of ACM and IEEE. She has been member of the Board of Directors of the Italian Computer Society (2008-2015).

She is Associate Editor of ACM Computing Surveys (2022-) and of the Performance Evaluation Journal – Elsevier (2024-). She is Program Committee Chair of IEEE MASCOTS 2024. She regularly serves in the Program Committees of major international conferences. She has been member of the Advisory Boards of projects funded by the European Commission. She has been the Scientific Chair of the International Doctoral School CARIPL0 on "Advanced Topics in Electrical and Electronic Engineering and Informatics" held at the University of Pavia.

Her research focuses on performance evaluation and workload characterization of complex networked systems and services, cloud and edge computing, online social networks and

cybersecurity. She is author and co-author of more than 120 peer-reviewed publications and of four edited books published in the series Lecture Notes in Computer Science – Springer. She has been Guest Editor of special issues of international journals including Performance Evaluation (Elsevier), Information Systems Frontiers (Springer), Future Internet and Sensors (MDPI). For her research, she received best paper awards at ACM SIGMETRICS and IEEE ASONAM.