

Norma Anglani graduated (with Hons.) and got her Ph.D. degrees in Electrical Engineering from the University of Pavia, Italy. Since then, she is a Chartered Engineer. After graduating she worked for a consulting company in the energy efficiency area. Later, she was a Postdoctoral Fellow with the Energy Analysis Group and with the Energy Efficiency Standards Group, Lawrence Berkeley National Laboratory, Berkeley, CA.

Now she is associate professor with the Department of Electrical, Computer and Biomedical Eng., University of Pavia (I), where she currently teaches and does research in the field of energy management, energy planning, modeling of microgrids, and efficient compressed air systems.

Her main research interests deal with optimal decision support energy models, interlinked with environmental and economic considerations. They span the area of Agenda2030-SDGs 7, 11 and 12 and more broadly also 4 and 5, with her outreach activities.

Lately with respect to the microgrids research area she became involved with the study of KPI (key performance indicators) for assessing the broad concept of microgrid resilience, from a design, size and management standpoint.

She set up the Labac laboratory (Lab on energy performances on compressed air systems), a joint effort between academia and industry. She has been responsible for several research contracts (last one from Office of Naval Research Global on decision support systems for microgrids) with public and private bodies and co-authored more than 80 scientific papers. She is a regular Speaker and Session Chair of several IEEE conferences. She regularly supervises PhD and Master students and mentors young researchers. She was visiting scholar at LBNL Berkeley, CA, Nottingham University (UK), NTNU (Norway), Northeastern University, Boston (USA). She is Associate Editor of IEEE Transaction on Industry Applications and Guest Associate Editor of IEEE JESTPE special session on emerging technologies for battery systems. Since 2017 she is in the Organizing Committee of IEEE ECCE, co-chairing the WiE (women in engineering) initiatives and as Publication Chairs of ECCE21, too. She is IEEE Senior member since 2018 and IEEE-IAS WiE Liaison (2019/2020). She started volunteering in WiE ILC, too, in 2021 and was in the Organizing Committee in 2022.

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List of publications

<https://scholar.google.com/citations?hl=it&user=kadIE0EAAAAJ>