

## **Giovanna ADINOLFI\_CV**

**Giovanna Adinolfi** received the M.S. degree (with honors) in electronic engineering from the University of Salerno (Italy). Hardware engineer in different industries (spatial and terrestrial applications). Since 2010 she is a researcher at ENEA, Italian National agency for new technologies, energy and sustainable economic development. Her main research interests are in AC, DC and hybrid grids electronics interfaces, network performance and reliability analysis, thermal management, DC, AC micro-grids and smart grids systems control strategies development and experimental characterization, also by Hardware In the Loop (HIL) validation. Her research activities are carried out in national, international projects and collaborations frameworks. She is scientific coordinator of research projects and member of normative Technical Committees (CEI, IEC and CENELEC TC 82 “Solar photovoltaic energy systems” and CEI TC 008-123-SC 008C “System aspect of electrical energy supply”). She is subtask leader of International Energy Agency Task 44 and contributes to Task 14 activities. She is author and reviewer of scientific papers published in the proceedings of international conferences and journals. She is also expert of “Digital Solar PV Systems and Grid” working group of European Technology and Innovation Platform for Photovoltaics (European Commission ETIP PV) with continuous and active contribution to the identification of challenges and opportunities related to smart renewable systems and their integration in DC and AC grids and microgrids.