

Curriculum vitae
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Salvatore Musumeci received his MS Laurea degree and Ph.D. in Electrical Engineering from the University of Catania, respectively, in 1991 and 1995. From 1996 to 2001, he worked at the Research and Development Department of STMicroelectronics of Catania with industrial research activity on the applications of silicon power devices. From 2001 to 2017, he participated in various activities and research collaborations with the Department of Electrical, Electronics, and Systems Engineering, at the University of Catania. From 2018 to 2022, he was a researcher (ING-IND/32) at the Energy Department of the Turin Polytechnic. He is currently an associate professor in the same department in the SSD:

Electrical converters, machines, and drives (ING-IND/32). He is also involved in the Power Electronics Innovation Center (PEIC), an interdepartmental competence center of the Politecnico di Torino focused on power electronics applications.

He is the author of more than 100 articles in scientific journals and international conferences and holds an international patent. His research interests include advanced power devices, switching power converter applications for renewable energy sources, high-efficiency industrial motors, magnetic materials and their applications, battery management systems, and automotive power electronics applications.