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**Paper ID : 86**

**Paper Title: A Fault-Tolerant Model Predictive Control with Self-Adaption for the Three-phase T-Type Inverter**

**Bio :**

**Dr. Joaquim Monteiro** received his Ph.D. in Electrical and Computer Engineering from the Technical University of Lisbon, Portugal, in 2010. He is a Professor at the Instituto Superior de Engenharia de Lisboa (ISEL), Polytechnic University of Lisbon, and a researcher at the Unit for Innovation and Research in Engineering (UnIRE) and INESC-ID. His research interests include modeling, simulation, and advanced control of power-electronic converters, renewable energy systems, electric vehicles, variable-speed drives, and power quality. He is a Member of IEEE and the Portuguese Engineering Society.