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Paper Title: Cluster-Based Behavioral Analysis of Electric-Bus Charging Processes

Bio:

Dr. Mina Eskander is a researcher and engineer in the department of Electrical Power Systems at the Helmut-Schmidt-University / University of the Federal Armed Forces Hamburg, Germany, where he received the PhD in the design and optimization of charging infrastructures for electric buses. In 2017, received the M.Sc. in electrical engineering from the Karlsruhe University of Applied Sciences, Karlsruhe, Germany. Received the B.Sc. in electrical power engineering from the University of Ain Shams, Cairo, Egypt, in 2013. With over 10 years of experience in electromobility, energy systems, and battery technologies, he specialized in simulation, modeling, and optimization of electric vehicles and infrastructure. His current research interests include design of charging infrastructure for electromobility, optimization of power systems, applications of machine learning in electrical power systems, design of smart grids, and optimal integration of renewable energy sources in power systems.