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Dr. Mehdi Bagheri is Senior Member of IEEE and holds an academic background and extensive professional experience in the field of electrical and computer engineering. He obtained his Ph.D. in Electrical Engineering, specializing in energy, power systems and high voltage, from the University of New South Wales (UNSW) in Sydney, Australia. During his academic journey, Dr. Bagheri has collaborated with National University of Singapore (NUS). He also engaged in a close partnership with Rolls-Royce Pte. Ltd. in Singapore, working on a joint project that demonstrated his practical application of knowledge. Dr. Bagheri is an associate professor at Nazarbayev University currently and received Scopus Award in Engineering Research in 2022. He has successfully led and participated as a Principal Investigator (PI) and co-PI in various projects with a total funding value of 2 million dollars over the past five years. His research interests span a wide range of subjects, including energy security, high voltage engineering, wireless power transfer, diagnosis in power systems for off- and onshore, space and marine applications, electrical rotating machines, power quality, smart grid and city technologies, and smart energy systems.