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Bio

Hamed Badihi is an Associate Professor with the College of Automation Engineering, Nanjing University of Aeronautics and Astronautics (NUAA), Nanjing, China. Prior to this position, he was a Horizon Postdoctoral Fellow with the Department of Mechanical, Industrial & Aerospace Engineering at Concordia University in Montreal, Canada where he also received his Ph.D. degree in Mechanical Engineering in 2016. His research interests include all aspects of condition monitoring, fault diagnosis and prognosis, and fault-tolerant and attack-resilient control of cyber-physical renewable energy systems. Specific research areas include wind turbines and wind farms, solar photovoltaic systems, microgrids, and smart grids. His research on wind energy application has produced impactful results, published in more than 50 leading journals and international conference proceedings. He is the first author of the paper "A Comprehensive Review on Signal-Based and Model-Based Condition Monitoring of Wind Turbines: Fault Diagnosis and Lifetime Prognosis," which was published in the prestigious Proceedings of the IEEE. He is currently an Editor and Guest Editor for several journals, and a member of the technical/program committees of several international conferences.