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Paper Title : Control of a DC Microgrid Integrating a Single-Phase Inverter and a Dual Active Bridge Converter for EV Charging and V2G Operation.

Bio :

James Sora was born in Harare, Zimbabwe. He received his B.Tech. degree (Hons.) in electronic engineering from the Harare Institute of Technology, Zimbabwe, in 2020, and the master's degree in advanced electrical systems from the Transilvania University of Brasov, Romania, in 2023. He is currently pursuing a Ph.D. degree in electrical engineering at the same university. In 2025, he served as a visiting researcher at the chair of power electronics for electromobility, Kiel University, Germany. His research interests include power electronics for renewable energy sources and advanced control in microgrids integrating EV charging infrastructure.