



Xiaonan Lu received his B.E. and Ph.D. degrees in electrical engineering from Tsinghua University, Beijing, in 2008 and 2013. He was a Postdoc Research Associate at the University of Tennessee, Knoxville (2013–2014), and joined Argonne National Laboratory as a Postdoc and later an Energy Systems Scientist (2015–2018). From 2018 to 2022, he was an Assistant Professor at Temple University. Since August 2022, he has been an Associate Professor at Purdue University, and starting July 2024, he holds a Joint Appointment with Argonne through Purdue-Argonne Joint Appointment Program. His research focuses on modeling, control, and design of power electronic inverters and inverter-dominated power systems. Dr. Lu serves as Associate Editor for *IEEE Transactions on Industry Applications*, Associate Editor for *IEEE Journal of Emerging and Selected Topics in Power Electronics*, and co-Editor-in-Chief of *IEEE Transactions on Power Electronics*. He also serves as the Chairman of the Conference Development Committee under IEEE-IAS Industrial Power Conversion Systems Department (IPCSD), and previously served as the Chairman of the IAS-IPCSD Industrial Power Converters Committee (IPCC). He has also been serving on the organizing committee of IEEE Energy Conversion Congress and Expo (ECCE) for nearly a decade, including his most recent roles as Lead Technical Program Chair for ECCE 2025 and Technical Program Co-Chair for ECCE 2023. Dr. Lu is the recipient of the 2020 IEEE Philadelphia Young Engineer of the Year Award, 2023 IEEE Central Indiana Joint Chapter Engineer of the Year Award, and Purdue University's 2024 Departmental Outstanding Faculty Award in Discovery (Research).