

Author biography



Florinel Butaru was born in Gorj, Romania, on August 11th, 1994. He received the BSc. and MSc. degrees in electrical engineering from the University POLITEHNICA Timisoara, Romania, in 2017 and 2019, respectively. Between 2017-2019 he was employed as software developer within Continental Automotive and, then, between 2019-2024, he worked as senior software developer for Vitesco Technologies. Starting with 2025 he is part of a great team within the E-mobility Department of Schaeffler company. Since 2024, he has been working as Assistant for the Electrical Engineering Department of the University POLITEHNICA of Timisoara, while he is completing his PhD. His areas of scientific interest include testing and control of interior electrical machines and drives, unity power factor correction converters and wind turbines.