## Paper ID: 185-Second-Order Sliding Mode Control Algorithms in DC-DC Power Converters



**Ferhat Bodur** was born in Ankara, Turkey, in 1994. He received the B.Sc. degree from Firat University, Elazığ, Turkey, in 2017, and the M.Sc. degree in electrical and electronic education from Gazi University, Ankara, Turkey, in 2022. He is a Phd student at Gazi University's Faculty of Technology, Department of Electrical & Electronics.

He joined the Department of Electrical and Electronics Engineering, Faculty of Technology, Gazi University as a research assistant in 2020. His research interests include power electronics, application of power electronics in renewable energy systems and control systems.