



## DR. LAHCEN EL IYSAOUI

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**H**e is a dedicated researcher in renewable energy, solar optimization, smart grids, and power electronics. He earned his Ph.D. in Electronics and Telecommunications in 2021 from the prestigious Mohammadia School of Engineering at University Mohamed V in Rabat, Morocco. His research focuses on optimizing photovoltaic systems, advancing power electronics, and integrating smart grids. From 2017 to 2019, he broadened his expertise through research programs under Erasmus+ and Horizon Europe's Marie Skłodowska-Curie Actions at Vilnius Gediminas Technical University in Lithuania. Currently, as a Senior Analog Engineer at Mu-Electronics—a contractor for NXP Semiconductors—Dr. EL IYSAOUI contributes to over 40 impactful projects in Battery Management Systems for vehicles and IoT.