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**Paper Title** \_\_\_\_\_ : Analysis of EMI and Efficiency in a GaN-Based Non-Resonant DAB Converter Operating at High Switching Frequencies

### **Bio :**

Manel Vilella received the B.S. degree in Electronic Engineering from the Technical University of Catalonia (UPC), Terrassa, Spain, in 2019, and the M.S. degree in Automatic Systems and Industrial Electronics Engineering (MUESAEI) from the UPC, in 2020. He is currently pursuing the Ph.D. degree in the Terrassa Industrial Electronics Group (TIEG), Department of Electronic Engineering, UPC, Terrassa, Spain.

His research interests include power converters, bidirectional DC-DC topologies, wide-bandgap semiconductors, renewable energy systems, and control strategies for power electronic systems.