

## **Group 028 Inductive Drone Charging: An Autonomous Solution**

### **Abstract**

The goal of this project is to design a wireless charging system which allows drones to autonomously find and land on a charging dock when low on power. The dock will be built and implemented utilizing currently available wireless charging technology for smartphones. Once completed, the drone should be able to detect the charging station using computer vision and initiate the charging process without human intervention.