**Photography Challenge: Insect-Inspired Robotics**

**Team number:** 952K

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**Location of team:** Ridgely Middle School, Lutherville Timonium, Maryland, USA.

Cicadas have evolved to be extremely proficient at completing certain jobs. These activities involve burrowing underground, waiting for a set amount of time, and then emerging. This life cycle serves as an inspiration for the creation of robots that can do jobs over time. Cicadas have developed the ability to sense variations in humidity and temperature, which they use to signal their emergence from underground. This capability motivates the creation of robots with environmental sensing and response capabilities.