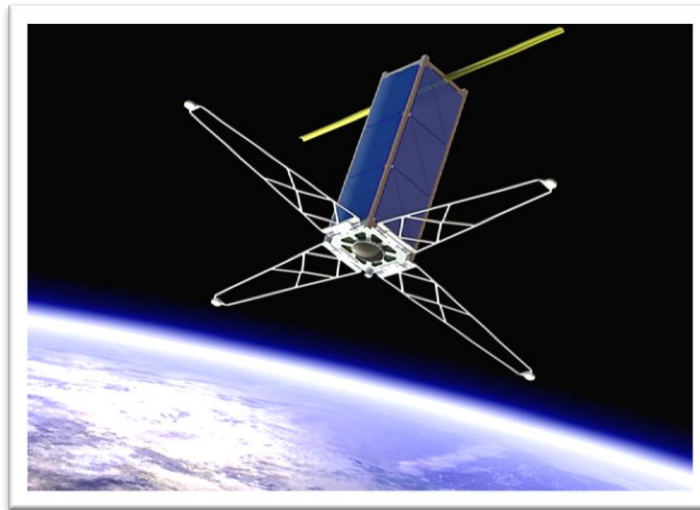


## Our Conceptual Design

A rendered 3D design of the final satellite in orbit shows how our whole system will fit together with a deployable antenna array to pick up incoming signals from ICARUS data tags.



## Term 2 Progress

Iterative mechanical design and testing of the antenna array arms and spring deployment system has been ongoing, and producing some great results! Tom has produced a test rig (shown right), testing different springs and array arms.

We have also been testing our power system designs, using parts supplied generously by RS Components. The picture below-left shows Kalen hard at work collecting data to characterise our battery charging and solar panel circuit! Finally, below-right shows a display model we have 3D printed to show our conceptual circuit board layout.

