

PDP 2019

Cubesat nose cone

Project proposal

Space is a vacuum, right? Actually no, not quite. Most small satellites actually fall back down and burn in the atmosphere because of air drag. This limits their lifetime, reducing their value. You will get to design an unfolding nose cone for a CubeSat (a box of 10*10*10 cm). It needs to be packed into a small volume, opening into a triangular shape. Simple as that.

About us

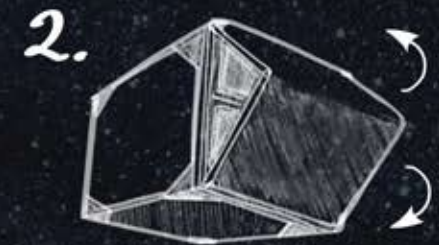
We're a 1 year old startup manufacturing propulsion systems (read: rocket engines) for small satellites. We're working on a portfolio of multiple products, and the nose cone will be directly added to our offering. Already a team of 18, we've grown to be the largest privately funded space propulsion team in Europe. Our PDP case will be the perfect way to see what spacetech is about, and to contribute in something that will actually go into space!

AURORA
PROPULSION TECHNOLOGIES

Concept image



Nose cone closed



Nose cone open

For more info, dont hesitate to contact Perttu
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