

Mechanical design for space applications using open source tools

Sunday, 13 December 2020 16:22 (4 minutes)

During 2019 and the longest year ever recorded, Libre Space Foundation designed, built and delivered for launch 2 picosatellites named Qubik 1 and 2, and a picosatellite deployer named PICOBUS. Is open source CAD/FEA/CAM software mature enough to give answers in real world problems? This is the story behind the mechanical design, FEA analysis and construction of space hardware while chasing deadlines and constant challenges.

Spoiler: Everything ready to fly!

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Session Classification: Room #1