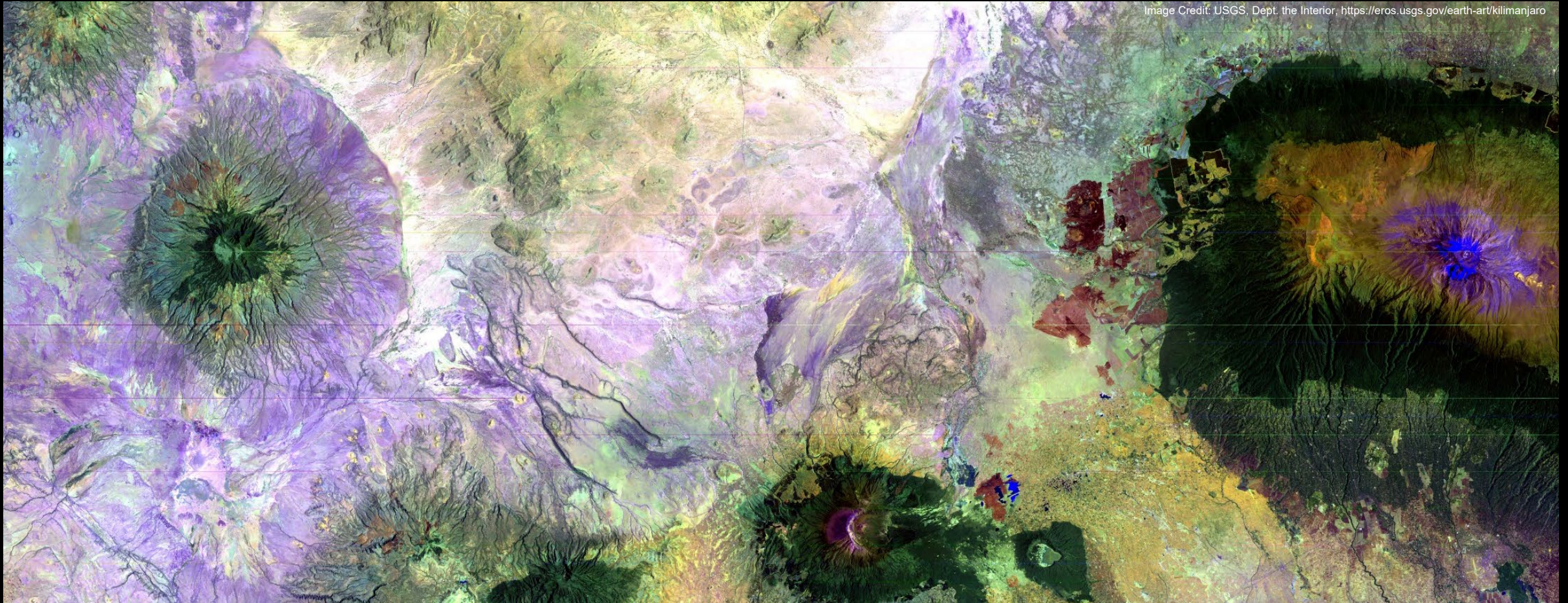


# *Research on green hybrid propulsion for satellites: Can we use beeswax to fuel satellites in space?*



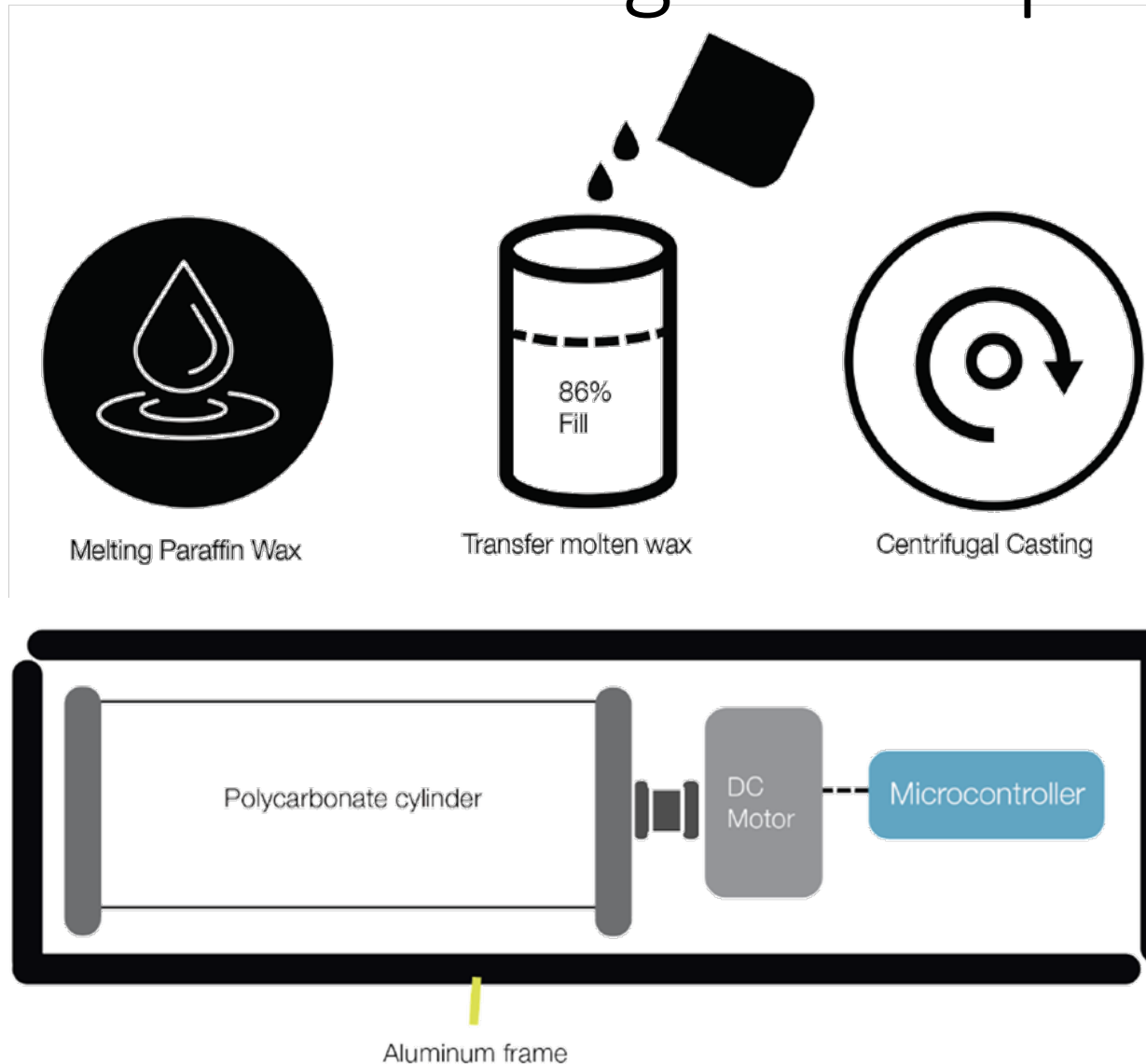
Danielle Wood, PhD

Assistant Professor, MIT Media Lab  
Director, Space Enabled research group

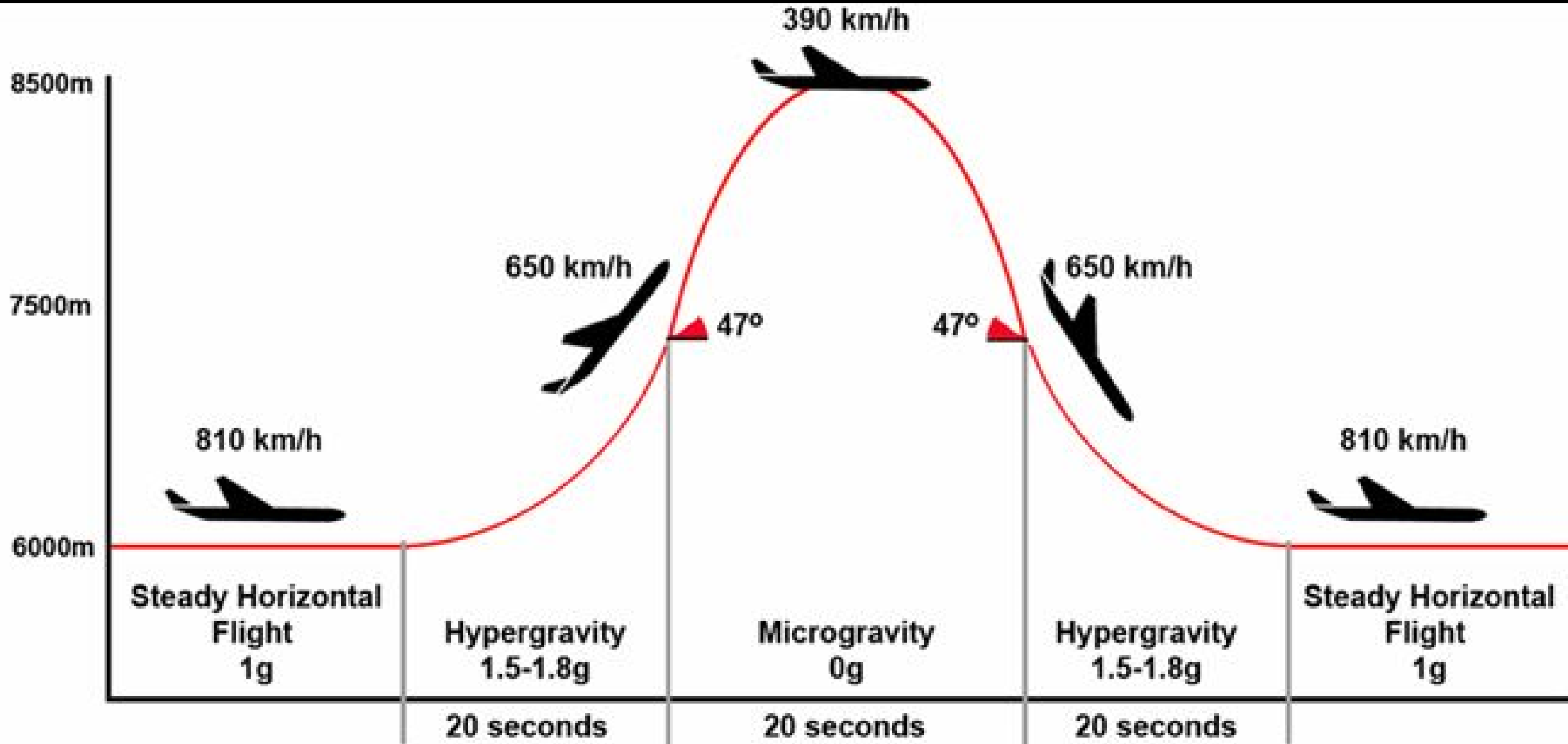




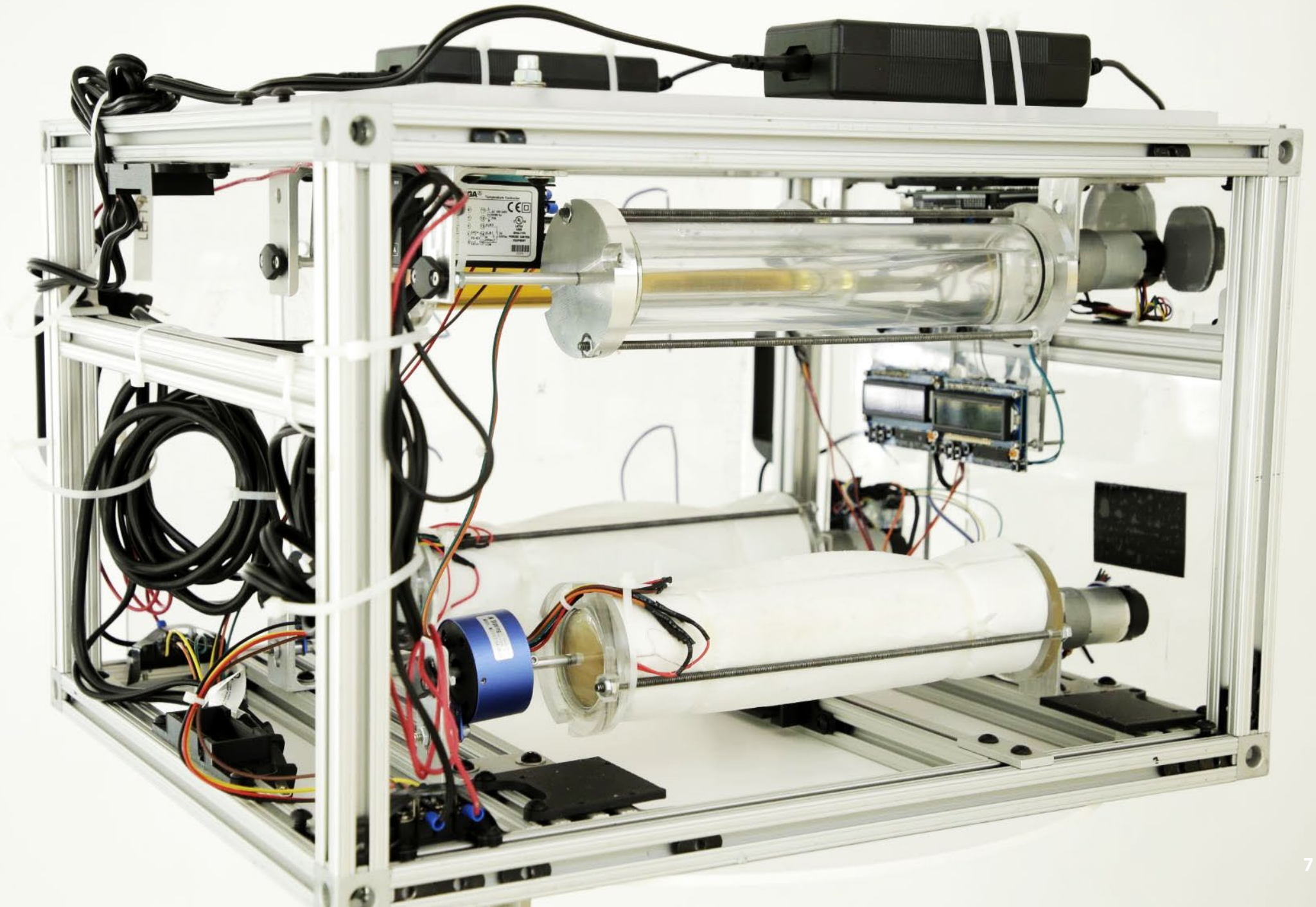
# We are trying to learn if we can manufacture wax into a fuel grain in space



Altitude



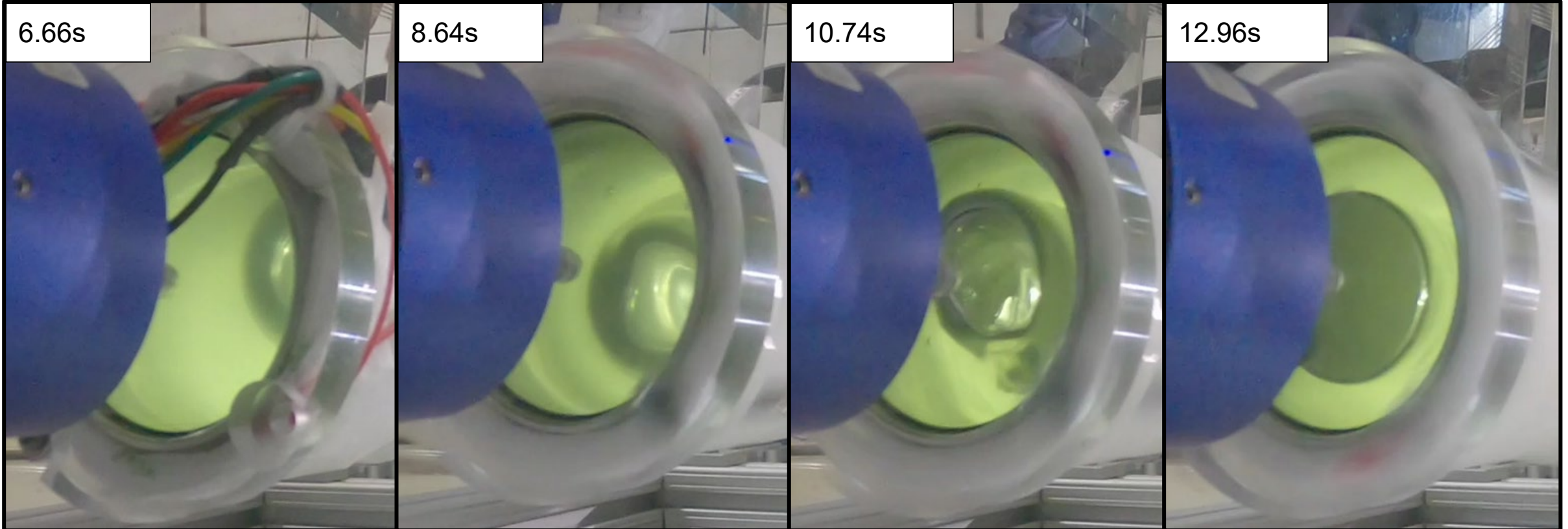




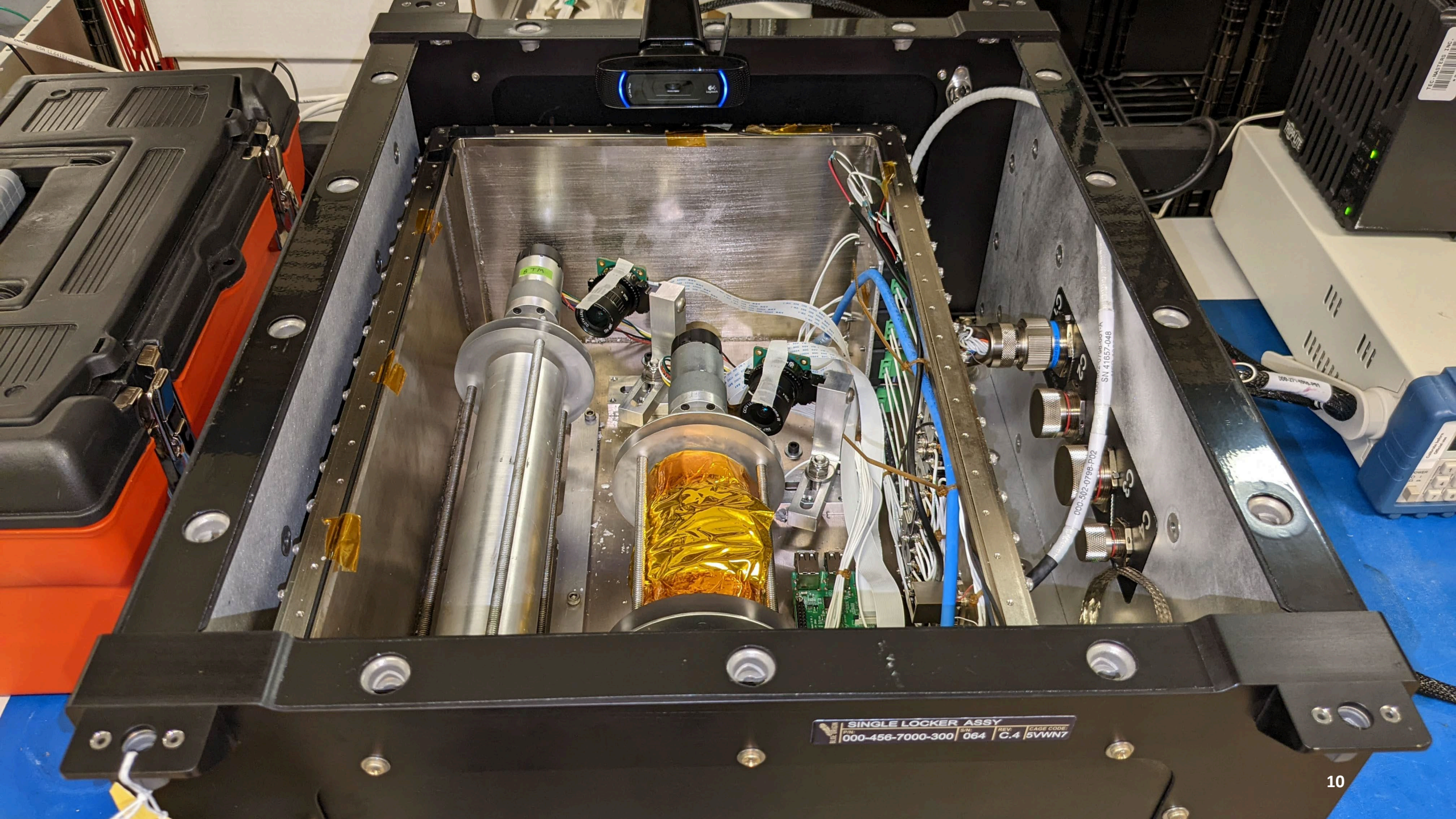




## Annulus Formation of Paraffin in Microgravity - 450 RPM

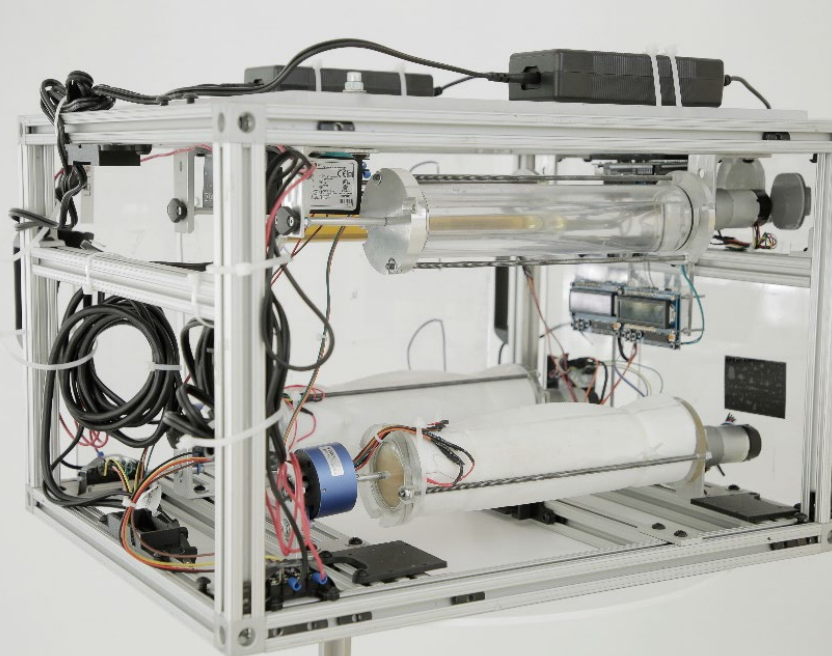
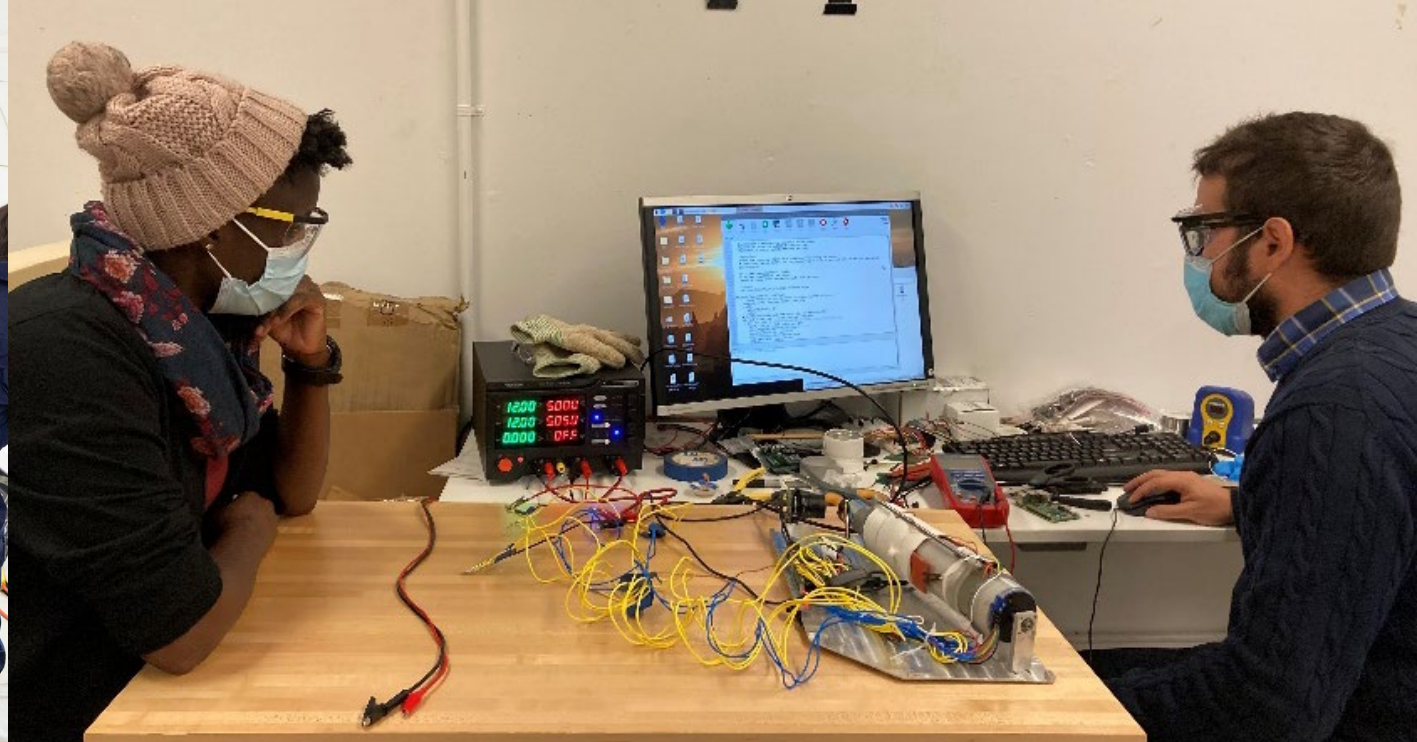






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# Space Sustainability Rating

Operated by the EPFL Space Center  
in Switzerland



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# REWARDING SUSTAINABLE DESIGN AND BEHAVIOUR IN THE SPACE SECTOR

The Space Sustainability Rating will enable spacecraft operators and satellite manufacturers to **enhance the sustainability and safety of their missions.**

By voluntary engaging in the SSR, they will go through a transparent rating process supported by a **comprehensive, transparent and data-based assessment** of their mission's current level of sustainability. Actionable guidance will complement the ratings to identify where improvements can be made, and back space debris mitigation efforts.