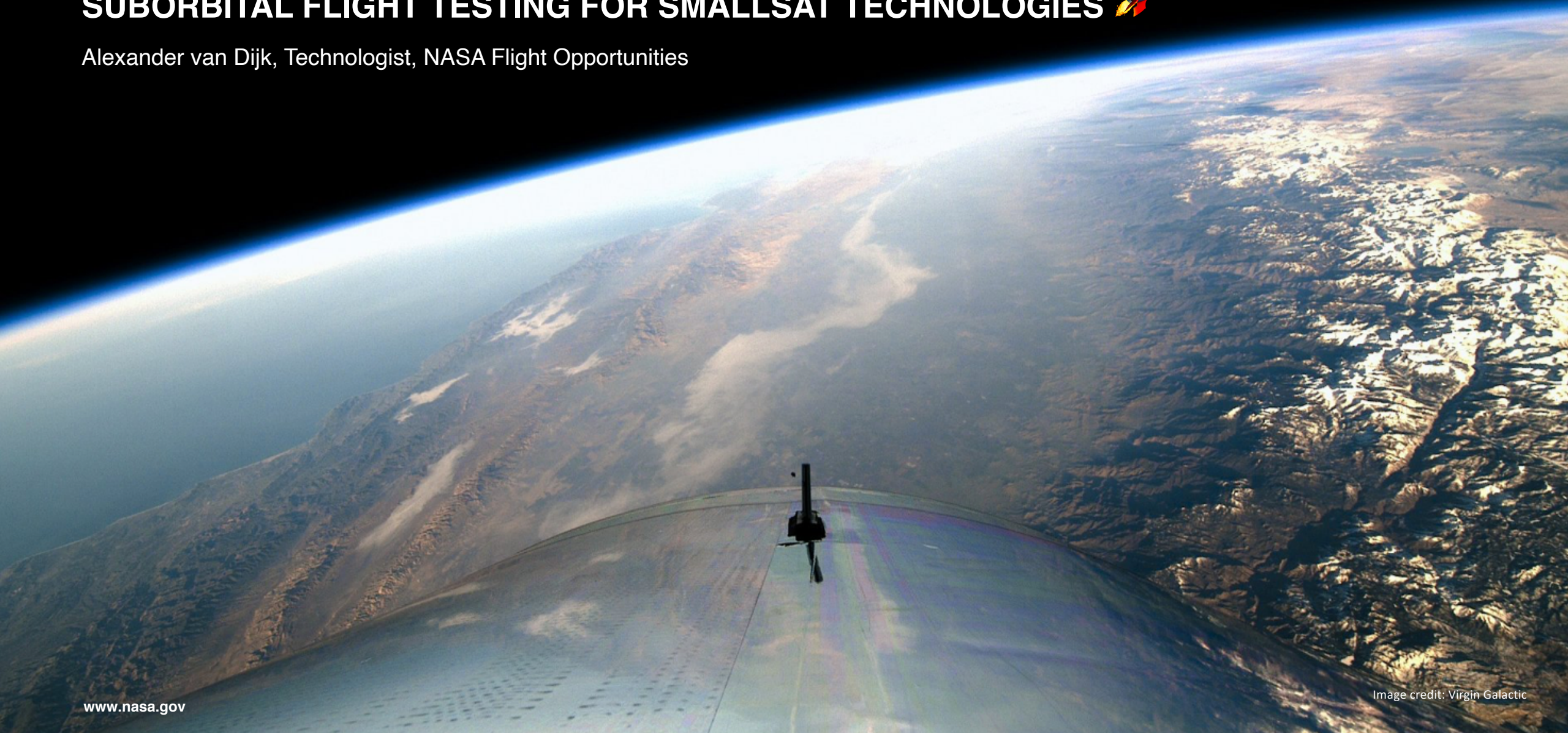
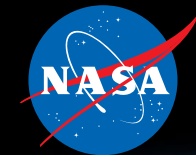


2021 SmallSat Conference

SUBORBITAL FLIGHT TESTING FOR SMALLSAT TECHNOLOGIES

Alexander van Dijk, Technologist, NASA Flight Opportunities

National Aeronautics and
Space Administration



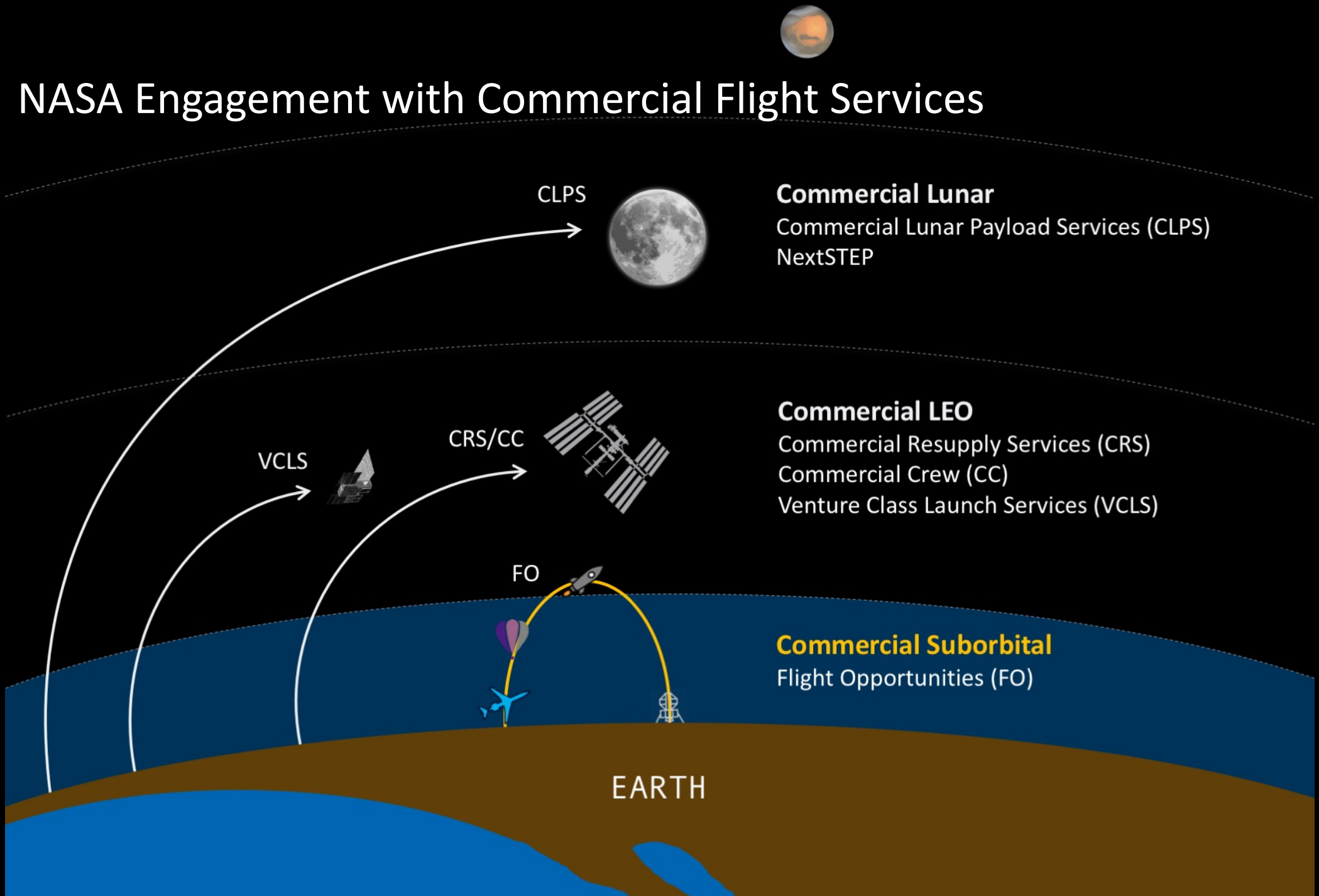


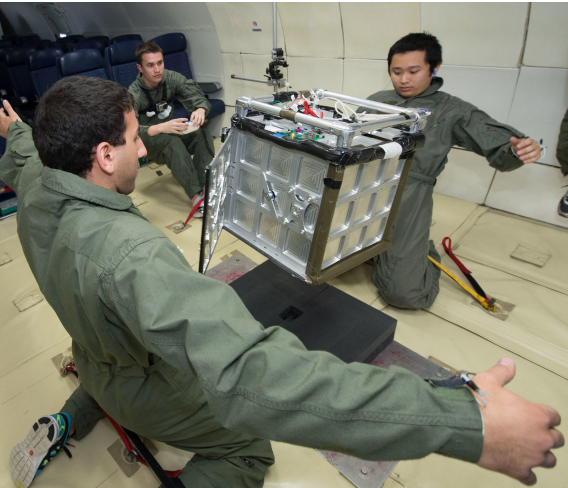
Flight Opportunities (~25M annual budget)

Flight Opportunities rapidly demonstrates promising technologies for space exploration, discovery, and the expansion of space commerce through suborbital testing with industry flight providers.

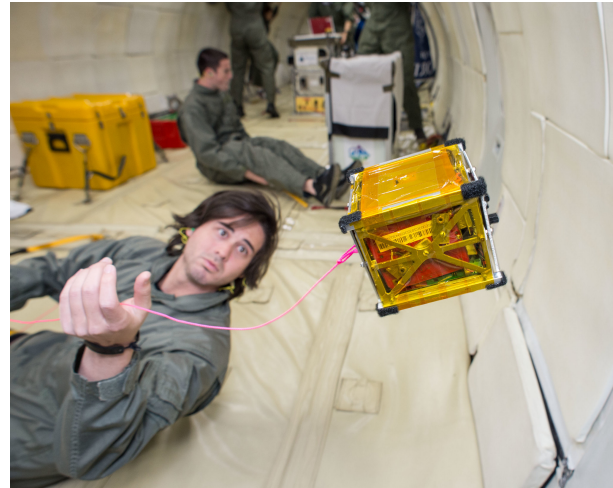
- **Payload Accelerator for CubeSat Endeavors (PACE) {collaboration with SSTP}**
- **FO Tech Flights Solicitation (SpaceTech-REDDI-FO)**
- **NASA TechLeap Prize**
- **SBIR/STTR External Investor**
- **NASA-lead R&D**
- **EPSCoR Suborbital Flight Opportunity (EPSCoR-SFO)**
- **Other Initiatives...**

NASA Engagement with Commercial Flight Services





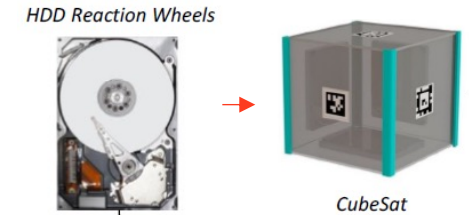
Deployable Solar and Antenna Array Testing
Boston University



Testing CubeSat Attitude Control System
University of Central Florida



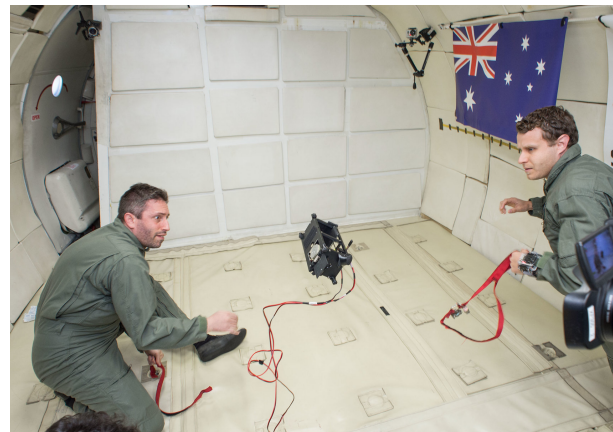
Canisterized Satellite Dispenser (CSD)
Planetary Systems Corporation



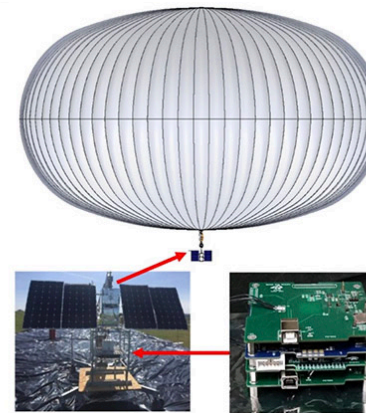
Low-cost 3-axis CubeSat Sttitude Control
UC Davis



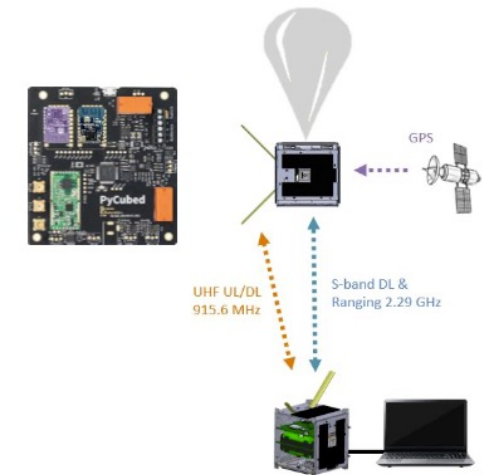
Dual-Spinning CubeSat Bus (MicroMAS)
MIT



DragEN Electrodynamic Tether for CubeSats
Saber Astronautics



Radiation Tolerant Computer System at-Scale
Montana State University



CubeSat Cross-link, Ranging Demonstration
Stanford University



Get in Touch!

www.nasa.gov/flightopportunities



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