Cubesat Mission Operations

Cubesat Developer's Workshop
CalPoly SLO

April 19, 2012

- **Cubesats (and smallsats in general) are a great thing. (No arguments, here)**

- **Launches are becoming more frequent**

- **New technologies are coming (comms & radios, automation, networking)**

- **But how do we operate and fly our missions?**
  - **Deep space**
  - **High data requirements**
  - **Unique orbits**
  - **Constellations and swarms**
  - **Crosslinks and networking**
- **Low cost, widely available, robust and enabling (sound familiar?)**

- **What's needed, and how can the Cubesat community come together to help solve this?**

- **Jim Newman/NPS**

- **Jamie Cutler/Univ. Michigan**

- **Ben Malphrus/Morehead State Univ.**

- **Craig Kief/COSMIAC**

- **Eric Pilger/Univ. Hawaii, Manoa**

- **Bruce Yost/NASA OCT/ARC**