

Welcome

Cal Poly Presents:



The poster features a dark, starry space background. In the upper left, a grey satellite with a yellow antenna and a bright light at its base is shown. Blue, leaf-like shapes trail from the satellite towards the right. The text is arranged in a clean, professional layout. At the bottom, a white box contains the 'CUBESAT' logo, which includes two small satellite icons above the text 'CUBESAT' and 'CALIFORNIA POLYTECHNIC STATE UNIVERSITY' below it.

7th Annual
CubeSat
Developer's
Workshop 2010

Summer 2010
August 7th-9th

Presented by
California Polytechnic State University
San Luis Obispo

At the 24th Annual Conference on Small Satellites
Utah State University, Logan Utah, USA

CUBESAT
CALIFORNIA POLYTECHNIC STATE UNIVERSITY

Agenda for Today

Saturday, August 7, 2010		Title Presenter(s) Organization
Start	End	
12:00 PM	12:30 PM	REGISTRATION
12:30 PM	12:45 PM	CubeSat Introduction Casey Allard CubeSat
12:45 PM	1:05 PM	Advances in Space Plug-and-Play Avionics (SPA) - An Open Source Bus for Space Craig Kief COSMIAC
1:05 PM	1:25 PM	CubeSat Innivation Craig Clark Clyde Space Ltd
1:25 PM	1:45 PM	Space Flight Opportunities Robert Twiggs Morehead State University
1:45 PM	2:05 PM	Nano-Launcher: Dedicated Nanosatellite Payload Delivery Service A.C. Charina SpaceWorks Commercial
2:05 PM	2:25 PM	Launches and On Orbit Performance -- An Update on Nanosatellite Missions at the UTIAS Space Flight Laboratory Daniel Kekez Space Flight Laboratory, Toronto
2:25 PM	2:45 PM	TubeSats/CubeSat Launch Program Randa Milliron Interorbital Systems
2:45 PM	3:05 PM	myPocketQub.com: an open source nano-satellite Project Michael Johnson JA
3:05 PM	3:35 PM	BREAK
3:35 PM	3:55 PM	S-Band Software Defined Radio Experiment Kevin Lynaugh Vulcan Wireless Inc.
3:55 PM	4:15 PM	Recent Advances in the Construction of Solar Arrays for CubeSats Andrew Kalman Pumpkin, Inc.
4:15 PM	4:35 PM	Comparison of Air Cored vs. Rod Magnetour Performance James Barrington-Brown Sattelite Services Ltd.
4:35 PM	5:00 PM	Cal Poly PolySat

Agenda for Tomorrow

Sunday, August 8, 2010		Title Presenter(s) Organization
Start	End	
8:00 AM	8:45 AM	REGISTRATION/LIGHT BREAKFAST
8:45 AM	9:00 AM	Opening Comments/Updates
9:00 AM	9:20 AM	Analysis and Aspects of the RAMPART CubeSat Mission with Satellite Tool Kit Robert Bradley Analytical Graphics Inc.
9:20 AM	9:40 AM	LANL CubeSat Reconfigurable Computer (CRC) Zach Jacobs Los Alamos National Lab
9:40 AM	10:00 AM	The Colorado Student Space Weather Experiment (CSSWE) Muralikrishna Nallamothu University of Colorado
10:00 AM	10:30 AM	BREAK
10:30 AM	10:50 AM	A Radar Calibration CubeSat Nick Fisher, John Furomo, ... University of Hawaii
10:50 AM	11:10 AM	NOAA's Commercial Remote Sensing Regulatory Affairs (CRSRA) Alan Robinson National Oceanic and Atmospheric Administration (NOAA)
11:10 AM	11:30 AM	An Overview of the TVC1 Desktop Vacuum Chamber Eddie Truong-Cao PUMPKIN Inc.
11:30 AM	11:50 AM	Psat-A Comms Relay Payload Bob Bruninga U.S. Naval Academy
11:50 AM	1:00 PM	LUNCH
1:00 PM	1:20 PM	NASA's CubeSat Initiative Garrett L. Skrobot NASA Launch Services Program
1:20 PM	1:40 PM	A CubeSat and SPA compatible SHS Kyle Leveque SRI International
1:40 PM	2:00 PM	Dependable Multiprocessor (DM) CubeSat Implementation John Samson Honeywell Aerospace
2:00 PM	2:20 PM	Drag Enhancement Devices Jerry Fuller The AeroSpace Corporation
2:20 PM	2:50 PM	Abe Bonnema Innovative Solutions in Space
2:50 PM	3:20 PM	BREAK
3:20 PM	4:10 PM	<i>Technical Exchange - CubeSat Development challenges & Q/A</i>
4:10 PM	5:00 PM	<i>Technical Exchange - CubeSat Design Spec Overview & Q/A</i>

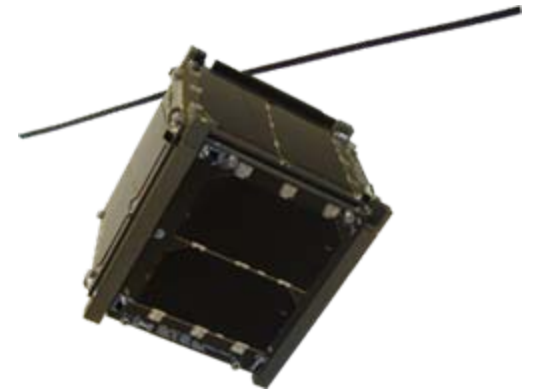
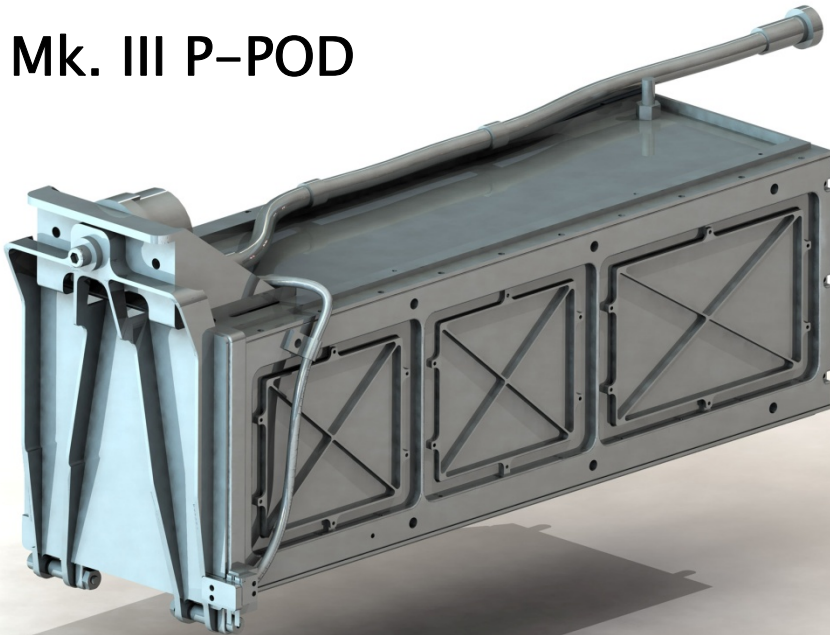
Internet

- ▶ WiFi available for the week!
- ▶ Connect to wireless network “BLUEZONE”
- ▶ Open Browser and click on Guest
 - (“BLUEZONE” Log-in page should display)
- ▶ Your Name: **Small Sat**
- ▶ Ticket ID: **thedtibr**
- ▶ Restart Computer/Network (instructions will be shown)

CubeSat and PolySat

- ▶ Booths are located in the hallway along with hardware for everyone to come and check out!

Mk. III P-POD



CP6

Donations

- ▶ It is a pleasure to host the 7th Annual Developers Workshop at Utah State University. Thus we greatly appreciate any donations in the effort to keep this tradition going.

Donations are accepted at the Registration booth, receipts are available