

For questions or comments, please contact:

Roland Coelho
 Workshop Coordinator
 Cal Poly, SLO
 (805) 756-5087
rcoelho@calpoly.edu

A special thank you goes to:

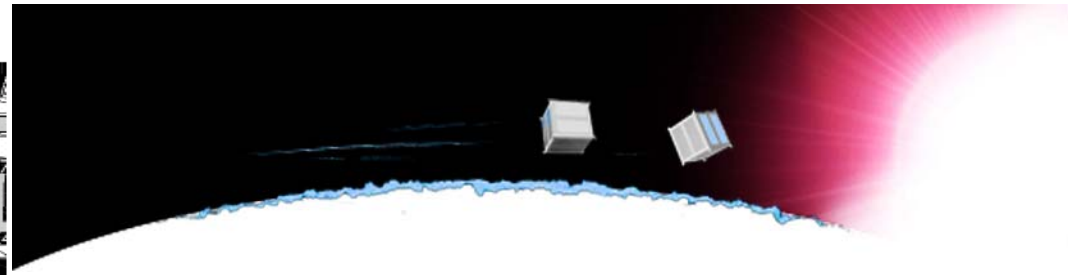
Jaime Kandler
 AIAA/USU Conference Coordinator



Dr. Jordi Puig-Suari



Professor Bob Twiggs
STANFORD UNIVERSITY



CUBESAT WORKSHOP

at

The 18th Annual AIAA/USU Conference on Small Satellites

Location: Utah State University
 New Engineering Building, **68D**
 Meet in Main Foyer (near east entrance)
 Refreshments Will Be Served.

Date & Time: Sunday Aug. 8, 2004
 12 noon – 5 pm

Monday Aug. 9, 2004
 8 am – 12 noon

Sunday Aug. 8, 2004

12:00 to 12:10 pm	Introduction <i>Jordi Puig-Suari & Bob Twiggs</i> <i>Cal Poly, SLO/Stanford</i>
12:10 to 12:30 pm	Simulation of Electric Power During CubeSat Lifetime for EPS Layout (with MatLab) Gregor Hanuschak/Andreas Peukert - <i>Stanford</i>
12:30 to 12:50 pm	Attitude Determination and Control for PACE <i>Jung Kuo Tu – National Cheng Kung University</i>
12:50 to 1:10 pm	Communications and Standard Link Budgets <i>Jan King – AMSAT</i>
1:10 to 1:30 pm	Montana State University Earthstation <i>Keith Mashburn – MSU</i>
1:30 to 1:50 pm	High Altitude Balloons: Providing a Cost Effective Testbed for CubeSats <i>Colt Wallace – Iowa State University</i>
1:50 to 2:10 pm	Experiences of the CANX1 Mission <i>Robert Zee – University of Toronto</i>
2:10 to 2:30 pm	Experiences of the QuakeSat Mission <i>Eric Tapio – QuakeSat</i>
2:30 to 2:50 pm	Break
2:50 to 3:00 pm	DNEPR 2004 Integration <i>Nash Clemens – Cal Poly, SLO</i>
3:00 to 3:20 pm	Future Launches: DNEPR 2005 <i>Armen Toorian – Cal Poly, SLO</i>
3:20 to 3:40 pm	NanoSat Launch Vehicle <i>John Garvey – Garvey Spacecraft Corporation</i>
3:40 to 4:00 pm	DOD PicoSat Launch <i>Perry Ballard - STP</i>
4:00 to 4:20 pm	Introduction of RocketPod <i>Rex Ridenoure – Ecliptic Enterprises</i>
4:20 to 4:40 pm	DARPA's Interest in SmallSats <i>Gordon Roesler - DARPA</i>
4:40 to 5:00 pm	GeneSat <i>Eric Lee – Stanford</i>
5:00 to 5:20 pm	Multi-Application Survivable Tether Satellite <i>Scott Miller – Stanford</i>

Monday Aug. 9, 2004

8:00 to 9:00 am	Group Seminar Session #1 <ul style="list-style-type: none">• Earthstation• Structures (deployables and tethers)• Power• Attitude Determination and Control
9:00 to 9:10 am	Break
9:10 to 10:10 am	Group Seminar Session #2 <ul style="list-style-type: none">• Communications• Thermal Control• Past & Future Launches• Command and Data Handling
10:10 to 10:20 am	Break
10:20 to 11:20 am	Group Seminar Session #3 <ul style="list-style-type: none">• Software• Testing (Vibration and Thermal-Vacuum)• High Altitude Balloons• Subsystem Integration
11:20 to 11:30 am	Break
11:30 to 11:45 am	EyasSAT Educational Satellite System <i>Jim White – Colorado Satellite Services</i>
11:45 to 12:00 pm	CubeSat Kit <i>Andrew Kalman – Pumpkin Inc.</i>