



Welcome to ReSpace/MAPLD 2011



The Amazing Shrinking Satellite



1970's/1980's – KH-9
~ 25,000 – 29,000 lb
(hires unpublished,
9m worldwide mapping)



2001 – QuickBird
~ 2000 lb
(.7 m panchromatic
2.4m color)



2007 – LAPAN/TUBSat
~ 110 lb
(5 m color -- video)

A World of Change

- Changing Technology
 - New Rad-Hard Options
 - New Modularity
 - New scale of components
 - New launch options
- New economy
- New needs
- New timeliness
- New global cooperation

Program Changes

- Talk cancelled:
Kalnins - ReSpace Session C, Thurs 9:15 “Modular Latvian Nano-Satellite VENTA-1 With Payloads from Germany, Luxembourg, Sweden and USA”
- Talk moved:
Czajkowski, Strobel - Reconfigurable Space Weather and Space Situational Awareness (SSA) System Leverage New Technology Detectors
 - From: Wed, 5:25
 - To: Thurs, 9:15

Errata

- MAPLD Session A

- 2:40 pm

- Peeling the Onion: Understanding the Layers of
Apparent Upsets in the Configuration Readback of the
RHBD Virtex-5QV**

- Greg Allen (JPL), Larry Edmonds(JPL), Gary Swift (Xilinx),
and Yuchung (Y.C.) Wang (Xilinx)

Presenters

- Please meet with your chair at least one break prior to your talk
- Ensure that you have a current briefing available:
 - Sent in advance
 - Preloaded on a memory stick
 - Loaded on a laptop that we can plug in

Activities

- Please be on time to the busses at 11:30 on Thursday
- Consider checkout and bag storage before conference sessions

Nuclear
Museum/Sandia
Briefings



Sandia Peak Tram



AFRL Tour

Moriarty Gliderport



Thanks to our Staff!

- Please thank the following people who did nearly all of the organizing for this event!!



Bernadette
Jaramillo-Peck



Srshti
Agarwal



Ashish
Gupta



Carl
Szabo

This Morning

- Bill Purdy (Keynote) – Purdy Consulting, NRL
- Scott McGillivray – Tyvak Nano-Satellite
- Workforce Panel – Mike Wirthlin, BYU
- Renee Reynolds – NASA/Goddard
- Elihu McMahon – NASA/JPL