



NEXT-GENERATION SUBORBITAL RESEARCHERS CONFERENCE 2013

JUNE 3 - 5, 2013
 OMNI INTERLOCKEN RESORT
 BROOMFIELD, COLORADO



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**Payload Accommodations, Suborbital Technologies,
 and Technology Testing (Part I)**
 Tuesday, June 4, 2013
 1:30 pm - 3:30 pm | Room B

Co-Chair: Dr. Constantine Tsang, Research Scientist, Southwest Research Institute Co-Chair: Mr. Charlie Walker, Commercial Industry Astronaut (ret.)	
Time	Title and Author(s)
1:30 pm - 1:45 pm	<u>A Next Generation Terrestrial Test Rocket</u> <i>Brady T., Raschall S., Zimpfer D., Loffi R.</i>
1:45 pm - 2:00 pm	<u>Space Technology Demonstrations Using Low Cost, Short-Schedule Airborne and Range Facilities at the Dryden Flight Research Center</u> <i>Carter J., Jones D.S., Kelly J.W., Lee J.A.</i>
2:00 pm - 2:15 pm	<u>Air-Launched Suborbital Research Platform for Small Payloads</u> <i>Piplica A., Karabeyoglu A., Schifferle P.</i>
2:15 pm - 2:30 pm	<u>The Lynx Cub Payload Carrier for Small Suborbital Experiments</u> <i>Wright E., Hill C., Little F., Yates J.</i>
2:30 pm - 2:45 pm	<u>Fly Cheap - Fly Often - - A Payload Provider's Guide on to How to Successfully Get Technologies Tested in a Relevant Near-Space Environment</u> <i>Dewey R., Williamson M.</i>
2:45 pm - 3:00 pm	<u>Upper Stratospheric Low-g Parabolic Flight</u> <i>Loesch A., Collicott S.H.*</i>
3:00 pm - 3:15 pm	<u>Test of Satellite Communications Systems on-board Suborbital Platforms to provide low-cost data communications for Research Payloads, Payload Operators, and Space Vehicle Operators</u> <i>Barnett M.B.</i>
3:15 pm - 3:30 pm	<u>Recovery System Considerations in Suborbital Vehicle Design and Experimental Payloads</u> <i>Barber J.</i>

