

# Student Hands-On Training II Workshop Agenda

June 29 – July 1, 2012  
Boulder, Colorado  
Discovery Learning Center

## **Friday, June 29, 2012**

8:00	Registration (Continues until 9:30) Hot Breakfast (Provided)	Atrium
8:30	Welcome and Introductions – <i>Chris Handy &amp; Chris Koehler</i> Overview of Workshop Goals – <i>Chris Handy &amp; Chris Koehler</i> Review of Workshop Agenda	1B-70
8:55	Team Activity – <i>Chris Koehler</i>	1B-70
9:55	Break	Atrium
10:10	Introduction to Presentations/Demonstrations – <i>Chris Koehler</i>	1B-70
<b>&gt;&gt;&gt;&gt; 13 minutes for presentations and demos + 7 minutes for Q/A &lt;&lt;&lt;&lt;</b>		
10:20	Boston University	1B-70
10:40	Georgia Institute of Technology	1B-70
11:00	Massachusetts Institute of Technology	1B-70
11:20	Missouri University of Science and Technology	
11:40	Montana State University	
12:00	Lunch	Atrium
12:30	Preparations for PQR – <i>Chris Handy</i>	1B-70
1:10	Group Picture and Break	Atrium
1:30	St. Louis University	1B-70
1:50	University of Buffalo	1B-70
2:10	University of Hawaii	1B-70
2:30	University of Maryland	
2:50	Break	Atrium
3:10	University of Michigan	1B-70
3:30	University of Texas Austin	1B-70
3:50	Payload Flight Inspections and RF Interference Testing	1B-70
4:20	Break	Atrium
4:40	Launch Logistics	1B-70
5:10	Closing Remarks	1B-70
5:15	Adjourn, dinner on your own	
<b>Other Activities</b>		
5:15	Navigator Training for those who have volunteered (ends at 6)	Outside Atrium
5:15	Launch and Recovery pick up for drivers who have volunteered (ends at 6)	Atrium
5:15	BalloonSat Flight String Integration ends at 6	1B-70

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## ***Saturday, June 30, 2012***

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- 4:45 Leave Boulder for Launch Site (Deer Trail, CO which is 76 Miles SE of Boulder)
- 5:50 Arrive at Launch Site  
- Continental Breakfast  
- Tour of Launch Operations  
- Assignment of Launch Tasks  
- Set up of van tracking stations
- 6:00 Final Checkout of BalloonSats / Attach BalloonSats to Flight String
- 6:30 Fill Balloon #1
- 6:49 Launch Test Balloon #1
- 6:50 Release SHOT II Balloon #1
- 6:55 Fill Balloon #2
- 7:15 Launch Test Balloon #2
- 7:20 Release SHOT II Balloon #2
- 7:25 Begin Recovery and Tracking Operations  
- Assemble recovery teams  
- Distribution of Radios, Maps, and GPS Units  
- Review Predicted landing site and rendezvous points
- 7:30 Depart (Each SUV will have drinks and lunches)
- ~10:30 Arrive at Landing site #1 and #2  
- Hike begins
- 1:00 Recovery Complete  
Data Retrieval
- 3:00 Arrive in Boulder
- 3:01 Rest of day is yours to play or sleep but you must complete your presentation by Sunday morning.  
  
Dinner on your own

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>>> You may park on campus on Sunday for FREE <<<<  
>>> Checkout of CU Dorms before coming to campus <<<<

## ***Sunday, July 1, 2012***

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8:00 Launch and Recovery Recap (Hot Breakfast will be served) 1B-70  
Presentation Turn before 9:00 AM

8:30 Introduction to Results Presentations – *Chris & Chris* 1B-70

**>>>> Each school will have 10 minutes for presentations and 10 minutes for questions <<<<**

8:40 University of Texas Austin 1B-70

9:00 University of Michigan 1B-70

9:20 University of Maryland 1B-70

9:40 University of Hawaii 1B-70

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10:00 Break Atrium

10:10 University of Buffalo 1B-70

10:30 St. Louis University 1B-70

10:50 Montana State University 1B-70

11:10 Missouri University of Science and Technology 1B-70

11:30 Massachusetts Institute of Technology 1B-70

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11:50 Lunch

12:10 Georgia Institute of Technology 1B-70

12:30 Boston University 1B-70

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12:50 Break Atrium

1:00 Lessons Learned, Comments and Suggestions

1:30 Conclusion and Workshop Closure – *Chris & Chris*

\*\*\* NOTE: The main reason for extending the workshop to Sunday is to ensure that if weather is bad on Saturday, there is still another day to launch. It is recommended that flights in late afternoon are booked in case we have to launch and recover on Sunday. In 2004, the SHOT II launch was moved to Sunday due to bad weather on Saturday.