Small Satellites: A Revolution in Space Science Workshop-II
October 29-31, 2012
Overview Schedule

Monday, October 29, 2012 - Third Floor - Keith Spalding Building

Time	KISS-Sponsored Invitation-Only Workshop	Speaker
08:00 - 08:30	Coffee and Refreshments	
08:30 – 09:00	Participant Re-Introductions and Goal Setting	All
09:00 – 09:15	Summary of Workshop-I astrophysics mission concepts	Charles Norton
09:15 – 09:30	Summary of Workshop-I heliophysics mission concepts	Sergio Pellegrino
09:30 – 09:45	Summary of Workshop-I planetary mission concepts	Michael Johnson
09:45 – 10:00	Summary of study period activities	All
10:00 – 10:30	Coffee Break and Discussion	
10:30 – 10:45	Collaborative Key Technology Discussions: SOA and Future SmallSat Needs Overview of session	Study Leads
10:45 – 12:00	SmallSat Technology State of the Art and Future Needs Propulsion, Navigation, Power, Telecom, Instruments	Matt Bennett
12:00 – 01:30	KISS Lunch at the Athenaeum	
01:30 – 02:30	SmallSat Technology State of the Art and Future Needs Structures, Processing, Space Environment Effects	Sergio Pellegrino, Charles Norton, Glenn Lightsey (TBC)
02:30 – 03:00	SmallSat Technology State of the Art and Future Needs Entry, Descent and Landing (EDL), ChipSats and Thin Films	Mike Lisano (TBC), Michael Johnson
03:00 - 03:30	Coffee Break and Discussion	
03:30 – 05:00	Define composite/generic space science mission for Tuesday Team-X technology study-like environment	All
05:00 - 06:30	OPEN WORK TIME (Unstructured for Individuals and/or Small Groups) End of Day 1: Completed review of Workshop-I concepts, baselined key technologies via state-of-the-art discussion, and identified generic mission for Tuesday Team-X study to support technology gap analysis roadmapping exercise	
06:30 - 08:00	Dinner at The Athenaeum (Rathskeller)	

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Tuesday, October 30, 2012 - Third Floor - Keith Spalding Building

Time	KISS-Sponsored Invitation-Only Workshop	Speaker
08:30 - 09:00	Coffee and refreshments	
09:00 – 09:15	Team X Study - Purpose and Goals Overview of the concurrent engineering process and reference mission	Keith Warfield
09:15 – 10:00	Team X Study	Keith Warfield
10:00 – 10:30	Coffee Break and Discussion	
10:30 – 12:00	Team X Study	Keith Warfield
12:00 – 01:30	KISS Lunch at the Athenaeum	
01:30 – 03:00	Team X Study	Keith Warfield
03:00 - 03:30	Coffee Break and Discussion	
03:30 – 04:00	Team X Study and Study Results	Keith Warfield
04:00 - 04:45	OPEN WORK TIME (Unstructured for Individuals and/or Small Groups) End of Day 2: Completed Team-X study where outcome is identification of technology gaps driven by the reference space science mission	
05:00 – 06:15	Public Lecture - Lees Kubota Auditorium - Guggenheim Building	Jordi Puig-Suari
06:30 - 08:00	KISS Dinner at the Athenaeum (Rathskeller)	

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Wednesday October 31, 2012 - Third Floor - Keith Spalding Building		
Time	**KISS-Sponsored Invitation-Only Workshop**	**Speaker**
08:30 - 09:00	Coffee and refreshments	
09:00 – 09:15	Review of Team-X Study Exercise	Study Leads
09:15 - 10:00	Gap Analysis Discussion of shorcomings of critical technologies required to enable revolutionary small satellite space science	All
10:00 - 10:30	Break	
10:30 - 12:00	Technology Roadmapping Preliminary layout of technology development roadmap for space science small satellites	All
12:00 - 01:30	KISS Informal Lunch (Institute)	
01:30 - 03:00	Harmonizing roadmaps with specifics of Workshop-I mission concepts	Breakout Groups
03:00 - 03:30	Break	
03:30 - 04:15	Discussion on workshop follow-on activities (Final report generation, etc.)	All
04:15 - 04:30	Logistics of checking out, and workshop slideshow	Michele Judd
4:30	Workshop concludes	