List of Questions Received from Attendees

1. Would like to know how much of the signal coming from an accelerometer is inherent in the accelerometer itself and how much is really vibration of the spacecraft ----------> W.F
2. Acceleration transfer function to evaluate the g-level in an ISS point located at a certain distance from the sensor head ----------> K.M
3. Real time FFT on g-data ----------> K.H
4. How to read and analyze accelerometer data ----------> K.H
5. MIR Ug environment ---- how good was it? ----------> R.D
6. Ug measurement instruments and their capability / limitation ----------> W.F
7. How to correctly interpret acceleration data ----------> K.H
8. Would like to get realistic estimates for PRCS and VRCS firing ----------> MEDH / II.5 and II.6
9. Ug acceleration level at different stage of the ISS integration ----------> K.M
10. Shuttle, ISS, MIR, sounding rockets acceleration levels and their related associated frequencies and related causes ----------> Staff
11. A description of vib isolation devices ----------> R.D
12. Services offered to PIs, pertinents websites, overview of SAMS-II, OARE hardware ----------> Staff
13. Predicted ISS Ug acceleration level ----------> R.D
14. How the Ug acceleration affects experiments ----------> R.D, E.N
15. Would like to see some previous flight data (material and combustion science in particular) ---> R.D
16. “Instantaneous” measurement of accelerations versus integrated effect over time types of data available----------> K.H

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The following questions will not be answered directly, but can be brought up during the open forum:

1. **The use of clinostats to simulate microgravity**
2. **Calculated Ug vs. measurable Ug**
4. **Effect of launch and landing vibration on experiment**
5. **The use of 1 xg centrifuges both in Ug and as controls on the ground**
6. **Electromagnetic environment aboard the space Shuttle**
7. **Ug quality in the drop towers, scaling laws for the effects of microgravity disturbances on flames**

<u>Please elaborate</u>:

8. **What analysis is expected from payloads to show that they meet the requirements inputs to the payloads from ISS?**