

1. *Why do we think that gravity unifies with the other forces at very high energy? How can we estimate this energy?* **Bijaya**
2. *Just as we have eccentricity to explain orbits in Kepler problem, do we have an eccentricity to explain under what conditions the Universe will expand or collapse? What are these conditions?* **Cody**
3. *What is a false vacuum and why do they invoke it to get rid of their sign problem? What do they mean when they say that the cosmological constant in the true ground state is zero?* **Brian**
4. *What is the difference between gauge eigenstates and mass eigenstates?* **Sai**
5. *What is the seesaw mechanism? Why is it called that?* **Mongi**
6. *What is the main take away from this paper?* **Sushil**
7. *What is a “Higgs portal”? What is a “Higgs disappearance phenomenon” and how could this proposed model result in it?* **Linda**
8. *What is weak equivalence principle violation?* **Nick**
9. *How important will it be to have detected the hidden sector scalar particle for this theory to work?* **Shamim**