

Phys 485, Aut 2009,

mod 05oct09

first

Topic talk

Arraki, Kenza	3	08oct
Gray, James	6	29oct
Leigh, Joel	11	29oct
Moody, Adam	6	29oct
Olsho, Alexis	5	22oct
Palmer, Andy	2	08oct
Pi, Jaiwen	8	15oct
Sayres, Conor	5	22oct
Scholl, Zackary	1	08oct
Spillane, Michael	10	15oct
Spott, Andrew	4	22oct
Wierman, Jeney	8	15oct

The "Eleven Questions" (linked to "topic" number above):

1. What is the dark matter?
2. What is the nature of dark energy?

3. How did the universe begin?
4. Did Einstein have the last word on gravity?
5. What are the masses of the neutrinos and how have they shaped the evolution of the universe?
6. How do cosmic accelerators work and what are they accelerating?
7. Are protons stable?
8. What are the new states of matter at exceedingly high density and temperature?
9. Are there additional space-time dimensions?
10. How were the elements from iron to uranium made?
11. Is there a new theory of matter and light needed at the highest energies?