

215c, 6/10/20 Final Presentations Schedule.

1. 3:00 - 3:10: Davide Provasoli “N=1 Supersymmetric Yang-Mills and the complex coupling  $\tau$ .”
2. 3:12 - 3:22: Zhengdi Sun “Particle on a group, BF theory, WZW model.”
3. 3:24 - 3:34: Brian Tran “Application of the BRST Method to Geometric Quantization.”
4. 3:34 - 3:42: Questions for the first group, discussion.
5. 3:42 - 3:52: Evgueni Alexeev “Aspects of QFT in curved space.”
6. 3:54 - 4:04 Jaishu Han “A consistent Effective Theory of Long Wavelength Cosmological Perturbations.”
7. 4:06 - 4:16 Hongrui Li “Aspects of Lattice Gauge Theory.”
8. 4:16 - 4:24: Questions for the second group, discussion.
9. 4:24 - 4:34: Da-Chuan Lu “Symmetry Protected Topological Phases and Anomaly.”
10. 4:36 - 4:46: Ruoyu Yin “Braids, anyons, flux metamorphosis. ”
11. 4:48 - 4:58: Zehao Zhang “ $CP^{N-1}$  Model.”
12. 4:58 - 5:06 Questions for the third group, discussion.
13. 5:06 - 5:16: Bin Wang “Quark Confinement and Polyakov’s Model in 3d.”
14. 5:18 - 5:28: Keyu Chen “Instantons: Semiclassical solution to U(1) problems.”
15. 5:30 - 5:40: Zipei Zhang ”Instantons, Quark Model, and the  $1/N$  Expansion.”
16. 5:40 - 5:48: Questions for the fourth group, discussion.
17. 5:48 - 6:00: Pat Diamond’s presentation and discussion.