

Physics 583, Spring 2005

**Physics 583, Advanced Field theory  
Final Exam/ Oral Presentations  
Monday May 9 , 8:00 am-12:15 pm  
Room 158 LLP  
Schedule of Talks**

1. *Field Theory for the Localization Transition*  
Shu-Wei Chang ..... 8:00 am
2. *Noncommutative Quantum Field Theory*  
Kevin Chiou ..... 8:15 am
3. *Decay of the False Vacuum*  
Ping-Han Chu ..... 8:30 am
4. *Black holes and String Theory*  
Patrick Ian Draper ..... 8:45 am
5. *Deconfinement transition of QCD at finite temperature*  
Zachariah Burke Etienne ..... 9:00 am
6. *QED in two- space-time dimensions*  
Keiko Ino ..... 9:15 am
7. *Path Integrals and Bosonization*  
Akbar Jaefari ..... 9:30 am
8. *Confinement in Lattice Gauge Theory*  
Sara Anita Knaack ..... 9:45 am.
9. *Bosonization of 1+1-dimensional field theories*  
Roberto Enrique Lambert-Garrido ..... 10:00 am
10. *Field Theory of the Kondo Problem*  
Xin Lu ..... 10:15 am
11. *Renormalization Group Approach to Fermi Liquids*  
Andrew Royce Missel ..... 10:30 am.
12. *Field Theory Models of Polyacetylene*  
Benjamín Muñoz Fregoso ..... 10:45 am
13. *The Coleman-Weinberg Mechanism*  
Abhishek Roy ..... 11:00 am
14. *Semiclassical Theory of Solitons*  
Joshua Coe Sayre ..... 11:15 am

15. *Boundary Conformal Field Theory*  
Shiying Dong ..... 11:30 am
16. *Field Theory Approaches to the Fractional Quantum Hall Effect*  
Zhenhua Yu ..... 11:45 am
17. *Conformal Field Theory and two-dimensional Critical Phenomena*  
Shizhong Zhang ..... 12:00 pm