

COLLOQUIUM

Department of Physics

Winter 2004

**Tuesday, January 13
4:00pm – Broida 1640**



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Discoveries Ahead in Particle Physics

Abstract:

Over the last thirty years, experimental discoveries in particle physics have followed a trail of theoretical predictions of what should lie ahead. We are now entering an era in which experimental results are needed to guide theory. Fortunately, the most important unanswered questions will be confronted by experiment in the next 5-10 years. I will discuss the scientific areas in which the discoveries are most likely to occur over this period.