

# COLLOQUIUM

## Discovery at the ILC and beyond

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**December 12, 2018**

4:00 p.m. - Wilson Hall, One West

I will discuss potential discovery prospects at the ILC from a personal historical perspective, emphasizing the role that theory bias has played. In particular I will point out how improving quantitative precision in certain measurements can lead to qualitative changes about our understanding of the universe. I will focus on a few examples from flavor physics, cosmology, and how we compare different collider experiments. I will also discuss the physics potential of collider experiments beyond the ILC.