



YALE UNIVERSITY

Leigh Page Prize Lectures

The Department of Physics is pleased to announce that the 2006 Leigh Page Prize Lectures will be delivered by

Michael E. Peskin

Professor of Physics
Stanford Linear Accelerator Center

Dark Matter: What is it? Where is it? Can we make it in the Lab?

Public Lecture: 80% of the mass in the universe is composed of a new elementary particle, otherwise unknown to science. How do we know? What can we do about it?

Wednesday, April 5, 2006

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Supersymmetry: The Next Spectroscopy?

Supersymmetry, a key symmetry principle derived from superstring theory, might plausibly explain dark matter and many other mysteries of elementary particle physics. How can we find if it is true?

Thursday, April 6, 2006

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The Quantitative Analysis Of Invisible Particles

To determine whether a weakly interacting particle produced at a high energy accelerator is actually a component of cosmic dark matter, we must measure its properties with precision. How could this be done?

Friday, April 7, 2006

The lectures will be held at 4:00 p.m.
in room 59 of the Sloane Physics Laboratory, 217 Prospect Street, New Haven, CT
All interested persons are invited to attend the lectures.

Tea and coffee will be served at 3:30 p.m. in the 3rd Floor Sloane Lounge.