

Physics Colloquium

Michigan Technological University

January 27 (Thursday) 2005, 4:00 to 5:00 pm
Room 139, Fisher Hall

The Michigan Tech Society of Physics Students (SPS) proudly presents the following
Physics Colloquium:

Dark Energy in the Universe

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Abstract

Seventy percent of the universe is a form of energy never detected on Earth: dark energy. What is dark energy? How do we know it exists? Answers to these questions lead to a third question, one of the most fascinating in physics today: How is the dark energy connected to and explained by fundamental physics? Answering this question may lead to a radical revision of our notions of space and time.

Biography

Dr. Scott Dodelson earned his PhD from Columbia in 1988. Currently, Dr. Dodelson is a full professor in the Department of Astronomy and Astrophysics at the University of Chicago, as well as the head of the Theoretical Astrophysics group at Fermilab. He authored the advanced undergraduate/graduate text Modern Cosmology and is a fellow of the American Physical Society.

