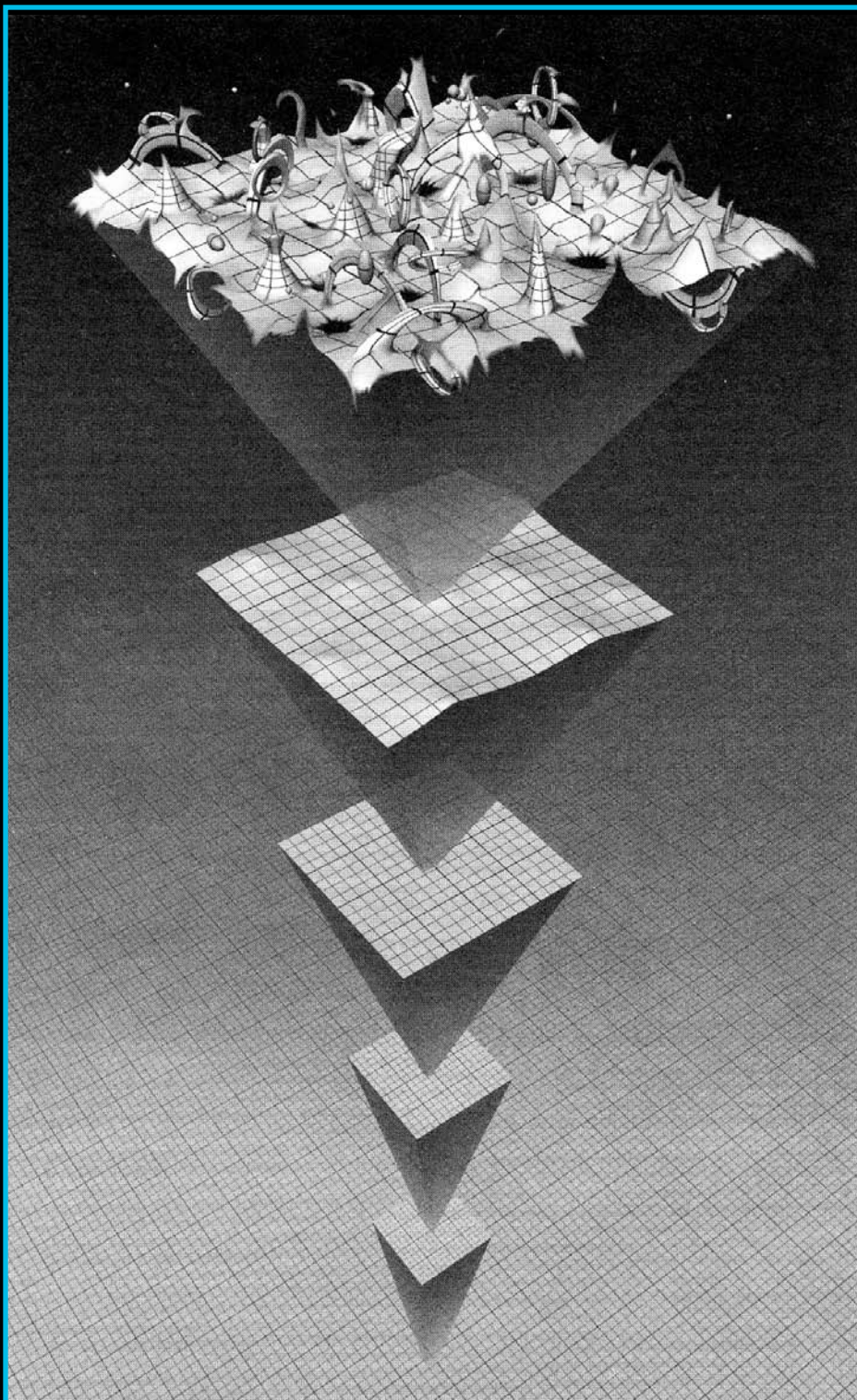


The Department of Physics of the University at Buffalo presents The Moti Lal Rustgi Memorial Lecture



Using the Universe as
a Microscope to Probe the
Micro-structure of

SPACE AND TIME

April 4, 2008 at 4:30 P.M.

Room 225 – Natural Sciences Complex
Amherst Campus

Dr. Lee Smolin

Perimeter Institute for Theoretical Physics

Lee Smolin's main contributions to research are in the field of quantum gravity. He was, with Abhay Ashtekar and Carlo Rovelli, a founder of the approach known as loop quantum gravity, but he has contributed to other approaches, including string theory. He is known for proposing the notion of the landscape of theories, based on his application of Darwinian methods to cosmology. He has contributed to the foundations of quantum mechanics, elementary particle physics, and theoretical biology. He has a strong interest in philosophy, and his three books, *Life of the Cosmos*, *Three Roads to Quantum Gravity*, and *The Trouble with Physics* are in part philosophical explorations of issues raised by contemporary physics.

The lecture is open to the public.

For further information contact:

the Department of Physics (716) 645-2017
e-mail Professor Michael Fuda at fuda@buffalo.edu
or go to the web site www.physics.buffalo.edu

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