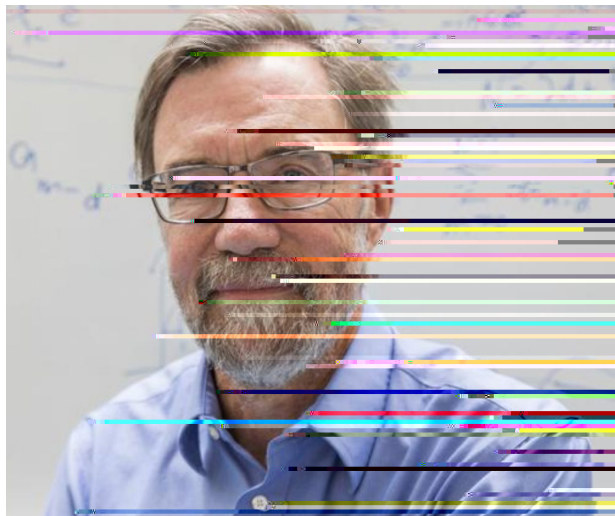
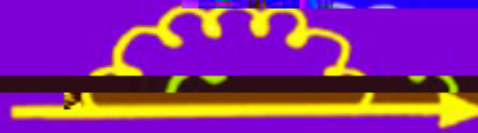




HEARNE EMINENT LECTURE SERIES



WHAT THE #*\$! DO WE (K)NOW!? ABOUT QUANTUM MECHANICS

A PUBLIC LECTURE BY
DR. CARLTON M. CAVES,
CENTER FOR QUANTUM INFORMATION
AND CONTROL

Dr. Carlton M. Caves

Ph.D., California Institute of Technology, 1979

Distinguished Professor
Department of Physics & Astronomy

Director
Center for Quantum Information and Control

University of New Mexico

Fellow, American Physical Society
Fellow, American Association for the
Advancement of Science

Friday, March 16

2:30 p.m.

**Royal Cotillion Ballroom
LSU Union**

and manipulate individual atoms and molecules. Ever since

understood that the world of the very small is nothing like the
familiar world of everyday experience. Yet only recently has it

Dr. Caves will illustrate how weird the atomic-scale world
really is and indicate how we might take advantage of that
weirdness using new technologies for manipulating atomic-
scale systems.

a glimpse of the truly astonishing nature of the world we all

LSU

College of
Science
**Department of Physics
& Astronomy**