Center for Nonlinear Studies

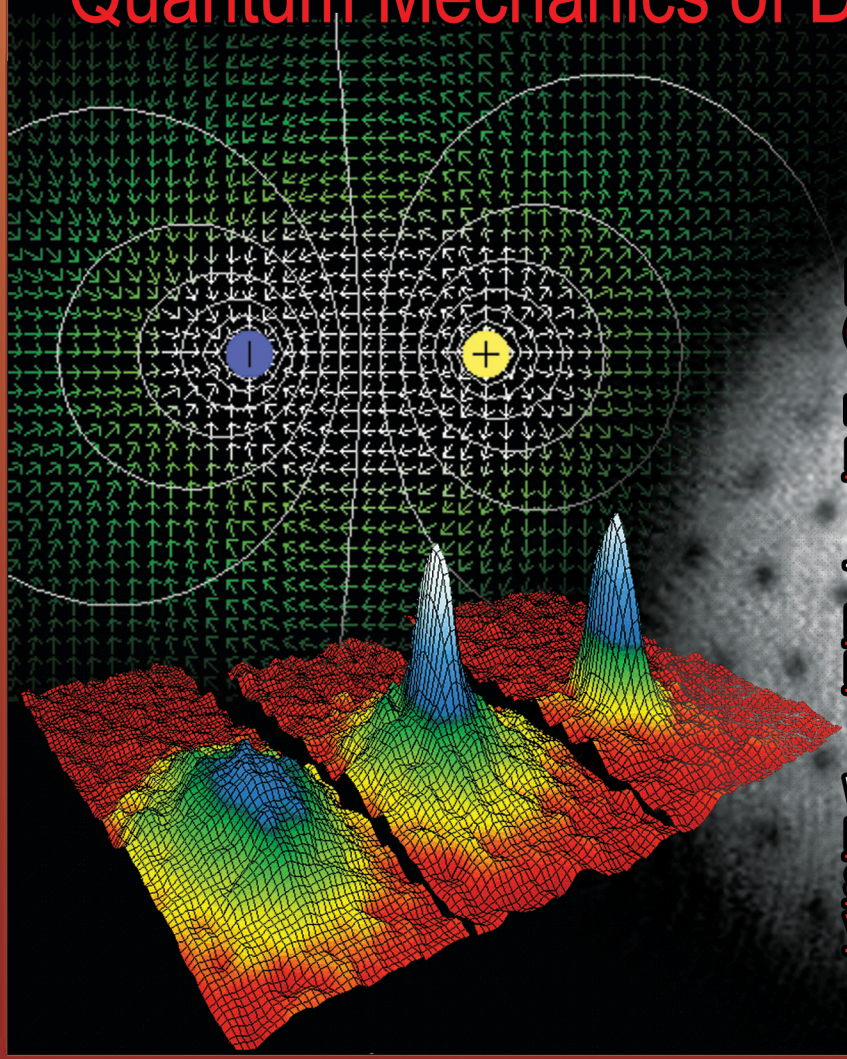
2010 Distinguished Quantum Lecture Series

Guest Lecturer

Alexander L. Fetter

Department of Physics
Stanford University

Quantum Mechanics of Dilute Ultracold Gases



Lecture Schedule

(CNLS Conference Room 03-1690)

Monday, November 15, 2010; 1:00-2:30
Introduction to Bose-Einstein Condensation

Tuesday, November 16, 2010; 1:00-2:30
Exotic Condensates: Dipolar Interactions, Mixtures and Spinor Condensates

Wednesday, November 17, 2010; 1:00-2:30
Rotating Condensates, Synthetic (Artificial) Gauge Potentials, Vortex Creation Without Rotation