

University of California, Irvine
Department of Mathematics

UCI Dynamical Systems Day

STEPHEN SMALE, Ph.D. – Professor of Mathematics and Economics, UC Berkeley. Distinguished University Professor, City University-Hong Kong. Dr. Smale has made significant contributions in the fields of dynamical systems, geometry, econometrics, operational research, topology and the mathematical theory of computer science. He is a member of the National Academy of Sciences. He received the Fields Medal, an International Medal, awarded every four years, in 1966. Important honors bestowed upon Professor Smale include the 1965 Veblen Prize for Geometry, the Chauvenet Prize in 1988 and the Van Neumann Award by the Society for Industrial and Applied Mathematics in 1989.

Title: Data and Topology

Date: Thursday, January 13, 2 - 3 p.m., 2005.

Location: McDonnell Douglas Auditorium, UC Irvine

Reception: Following - Lobby

PHILIP HOLMES, Ph.D. – Charles N. Mellowes Professor Engineering and Applied Mathematics at Princeton University. He is a Fellow of the American Academy of Arts and Sciences. In 2001 he was elected an Honorary Member of the Hungarian Academy of Sciences. In 1993-94 he received a John Simon Guggenheim Memorial Fellow. Dr. Holmes works on nonlinear dynamics and differential equations, developing qualitative and analytical methods for studying mathematical models of solid, fluid, and biological systems.

Title: "Optimal decisions: From neural spikes, through stochastic differential equations, to behavior."

Date: Thursday, January 13, 4 – 5 p.m., 2005

Location: McDonnell Douglas Auditorium, UC Irvine

Reception: Preceding - Lobby