

## Media Advisory, 5th Annual University of California Conference on Nonlinear Science

February 17, 1989

UNIVERSITY COMMUNICATIONS

Media Contact: Yvonne Baskin, (619) 534-3120

MEDIA ADVISORY: Science Writers, Editors

EVENT: 5th Annual University of California Conference on Nonlinear Science

DATE: March 3 - 4, 1989

PLACE: University of California, San Diego

San Diego Supercomputer Center, Auditorium

PROGRAM: More than 100 scientists and students from a broad range of fields--medicine, mathematics, electrical engineering, plasma physics, biology, etc.--will gather for a two-day conference sponsored by the UC Coordinating Committee for Nonlinear Studies and hosted by the UCSD Institute for Nonlinear Science. The speakers are leaders in diverse fields whose work relies on the mathematics of chaos.

Reporters are welcome to attend the talks or interview participants.

Friday, March 3

9 a.m. OPENING REMARKS: Henry Abarbanel, UCSD Institute for Nonlinear Science

9:15 a.m. OSCILLATIONS IN DISPERSIVE NONLINEAR SYSTEMS: Peter Lax, Courant Institute, New York University

10:45 a.m. NEURAL NETWORKS AS DYNAMICAL SYSTEMS Terry Sejnowski, Dept. of Biology, UCSD

1:30 p.m. QUANTUM CHAOS: THEORY Oriel Bohigas, Institut de Physique Nucleaire, Orsay, France

3 p.m. QUANTUM CHAOS: EXPERIMENT: Peter Koch, Dept. of Physics, State U. of N.Y., Stonybrook

Saturday, March 4

9 a.m. DYNAMICAL BEHAVIOR OF COUPLED CHEMICAL OSCILLATORS: Iry Epstein, Dept. of Chemistry, Brandeis University

10:30 a.m. THE SEARCH FOR CHAOS IN HUMAN HEARTS: Leon Glass, Dept. of Physiology, McGill University

11:45 a.m. CLOSING REMARKS: Henry Abarbanel

Q-036 \* University of California, San Diego \* La Jolla, CA \* 92093-0036 \* (619) 534-3120

(February 17, 1989)