

AMUNDSON LECTURE SERIES 2008

THE UNIVERSITY OF HOUSTON IS HONORED TO HOST A SERIES OF LECTURES BY PROFESSOR MARSDEN IN RECOGNITION OF PROFESSOR NEAL AMUNDSON

LOCATION/DATES

APRIL 9TH–10TH, 2008
UNIVERSITY HILTON
LAS VEGAS ROOM (181)
UH ENTRANCE 1

APRIL 11TH, 2008
347 PHILIP G. HOFFMAN HALL

LECTURES

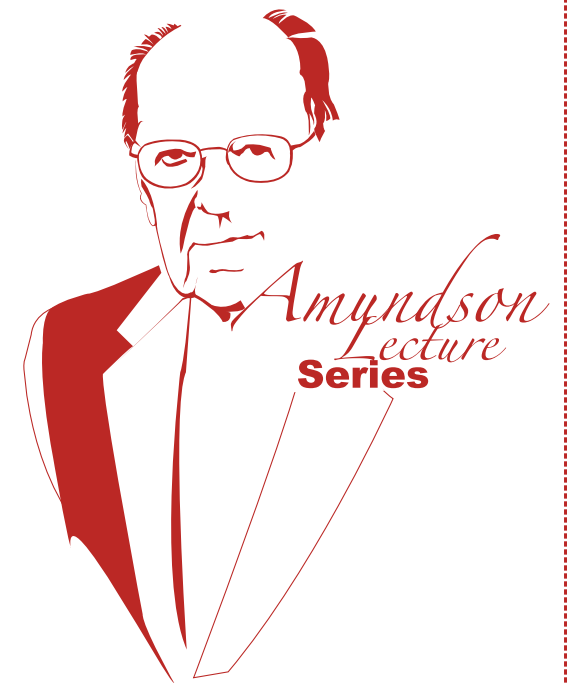
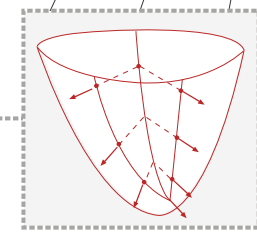
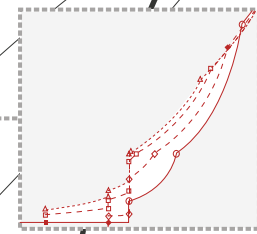
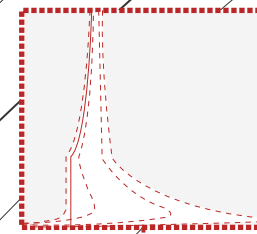
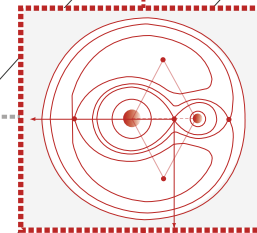
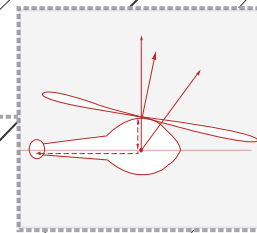
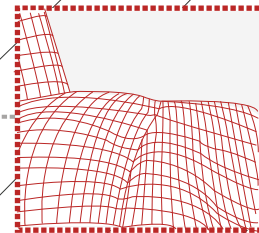
WEDNESDAY, APRIL 9TH (4:00 P.M.–5:00 P.M.)
GENERAL COLLOQUIUM: **LAGRANGIAN COHERENT STRUCTURES: HURRICANES, OCEAN DYNAMICS, JELLYFISH**

THURSDAY, APRIL 10TH (4:00 P.M.–5:00 P.M.)
SEMINAR LECTURE: **DMOC: DISCRETE MECHANICS AND OPTIMAL CONTROL**

FRIDAY, APRIL 11TH (4:00 P.M.–5:00 P.M.)
GRADUATE STUDENT LECTURE: **GEOMETRIC AND COMPUTATIONAL MECHANICS: CONTINUOUS AND DISCRETE**

A RECEPTION WILL FOLLOW EACH LECTURE

FOR MORE INFORMATION ABOUT THE SERIES, VISIT:
WWW.MATH.UH.EDU/AMUNDSONLECTURESERIES



BIOGRAPHY

JERROLD MARSDEN IS PROFESSOR OF CONTROL AND DYNAMICAL SYSTEMS AT CALTECH. HIS EXTENSIVE RESEARCH INCLUDES WORK IN GEOMETRIC MECHANICS, WITH APPLICATIONS TO RIGID BODY SYSTEMS, FLUID MECHANICS, ELASTICITY THEORY, PLASMA PHYSICS, AS WELL AS TO GENERAL FIELD THEORY. PROFESSOR MARSDEN'S WORK IN DYNAMICAL SYSTEMS AND CONTROL THEORY EMPHASIZES MECHANICAL SYSTEMS AND SYMMETRY. HE IS ONE OF THE FOUNDERS OF REDUCTION THEORY IN SUCH SYSTEMS, AN AREA WHICH IS MUCH STUDIED AND CONTINUES TO BE ACTIVE. MARSDEN HAS WON MANY AWARDS FOR HIS RESEARCH, INCLUDING ELECTION AS **FELLOW OF THE ROYAL SOCIETY** AND **FELLOW OF THE AMERICAN ACADEMY OF ARTS AND SCIENCES**, AND THE **VON NEUMANN PRIZE**, SIAM'S HIGHEST HONOR. MARSDEN IS AN EXCEPTIONAL EXPOSITOR, WHO HAS WRITTEN NUMEROUS MATHEMATICS BOOKS AT ALL LEVELS.

FOR MORE INFORMATION ABOUT DR. MARSDEN, VISIT: **HTTP://WWW.CDS.CALTECH.EDU/~MARSDEN**

