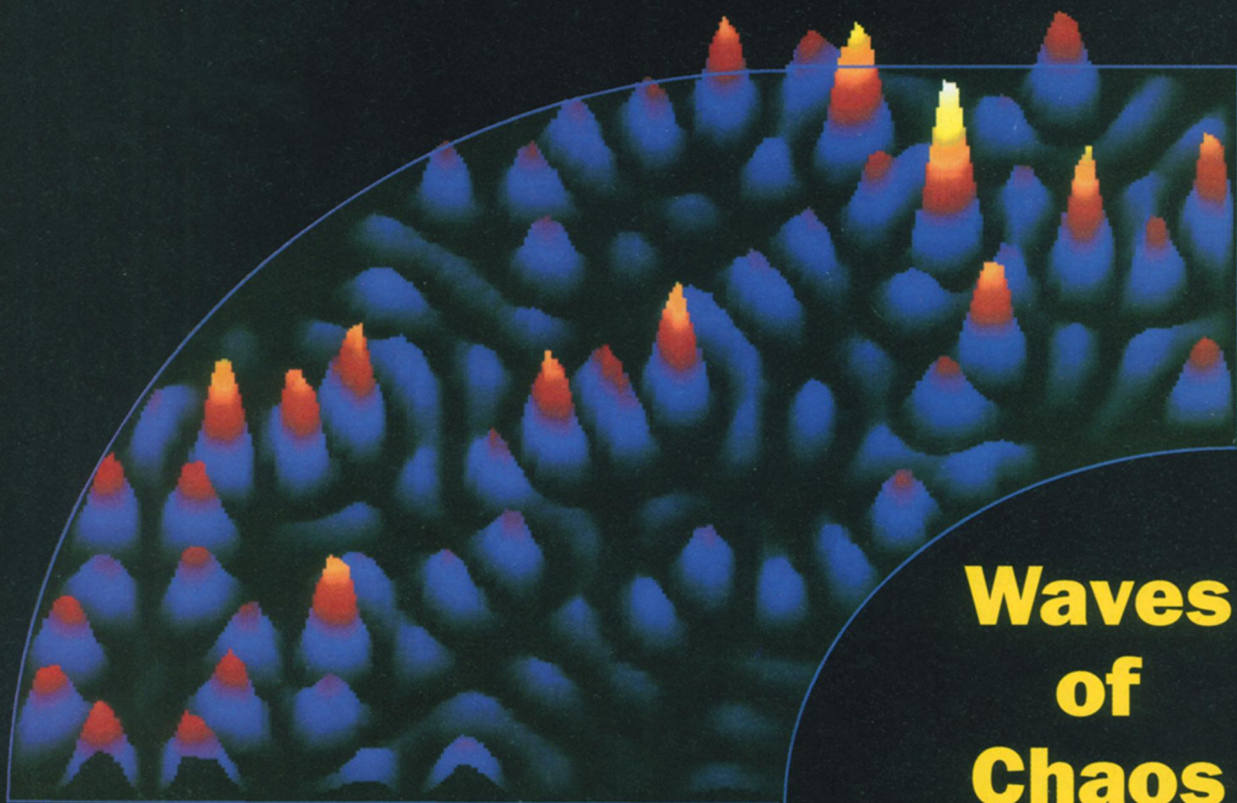
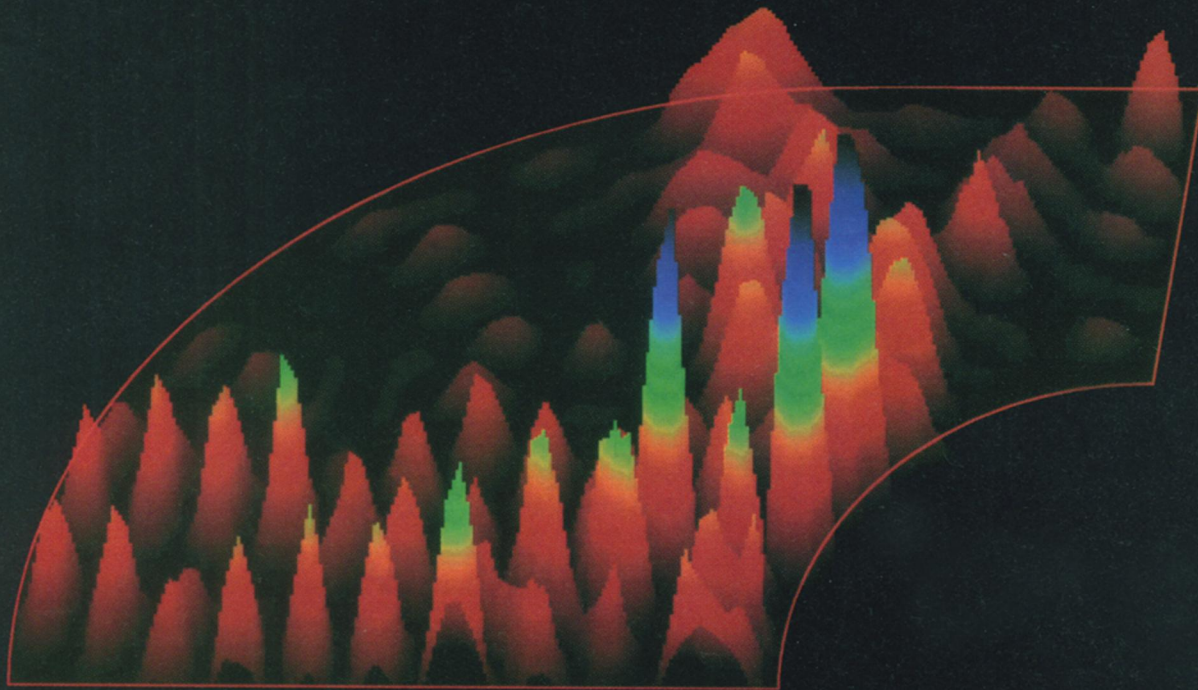


The Weekly Newsmagazine of Science

# SCIENCE NEWS

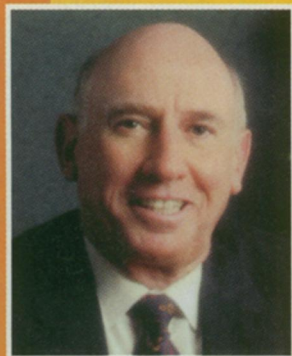
April 29, 1995  
Vol. 147, No. 17  
Pages 257-272



**Waves  
of  
Chaos**

# FROM THE PUBLISHER

**I** INVITE YOU TO JOIN IN HELPING TODAY'S YOUTH MEET TOMORROW'S CHALLENGE. More than 900 of the best and brightest science students in the United States and 30 countries are gathering next week in Hamilton, Ontario, Canada, for the 46th annual International Science and Engineering Fair (ISEF).



ALFRED S. MCLAREN

This pool of remarkable young talent will compete for prizes based on science projects that won awards at 481 affiliated science fairs. More than 800 judges who are professionals in the fields of science, mathematics, and engineering will analyze the projects and interview each student before choosing Grand Award winners in 15 scientific categories and a Team Project category.

The areas covered by the students' research are Behavioral and Social Sciences, Biochemistry, Botany, Chemistry, Computer Science, Earth and Space Sciences, Engineering, Environmental Sciences, Mathematics, Medicine and Health, Microbiology, Physics, and Zoology.

Next week's ISEF is the crowning event in a year-long process involving thousands of schools and millions of students not only from the United States and its territories, but also from Argentina, Belgium, Brazil, Canada, Chile, Colombia, Costa Rica, Germany, Ireland, Italy, Japan, Mexico, New Zealand, Nigeria, Norway, Paraguay, Peru, Portugal, Republic of China, Sweden, Switzerland, Ukraine, United Kingdom, Uruguay, Venezuela, and a delegation representing the European Union.

Six major U.S. corporations provide leadership in supporting science education by sponsoring some of the Grand Awards categories. The corporations and the categories for Grand Awards they support are:

Intel Foundation – *Computer Science and Engineering*

Ciba Geigy – *General*

Lockheed/National Air and Space Museum/IMAX – *Destiny in Space*

McDonnell Douglas – *General*

U.S. Global Change Program – *Global Change*

Edison Society – *Earth and Space Science*

In addition, the Explorers Club is sponsoring three significant field trips with noted scientists. Science Service, Inc., publisher of *Science News*, is proud to have administered the ISEF since its inception 46 years ago.

The Grand Awards are recognized as among the world's most prestigious academic honors. In this new age of global competitiveness, these companies are helping to motivate our students and to encourage them to pursue careers in science, engineering, and mathematics. The corporate support of the Grand Awards program is the type of encouragement students need to lead them into teaching and research professions.

We urgently need the support of corporations as well as that of individuals to join in the effort to broaden science, mathematics, and engineering education. For a minimum investment, companies and individual sponsors receive a maximum payoff — solutions through science and engineering to the massive problems facing society.



Alfred McLaren

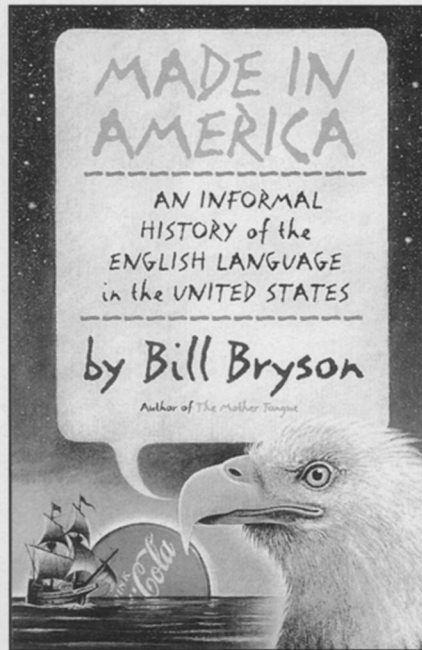
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