



ARTIFICIAL INTELLIGENCE: AMPLIFYING THE MIND



Japan and America are linked by strong ties of friendship and cooperation, reflected in almost every field of human endeavor. The political and social freedoms we share have been essential to the unique flowering of our peoples' creative energies, and the resulting prosperity we both enjoy.

In the U.S. Pavilion—and in this publication—you are invited to explore a major development at whose threshold we now stand: the creation of artificial intelligence, the harnessing of machines to expand man's most singular attribute, the capacity to reason. Progress has already been made. Artificial intelligence has begun to serve us, diagnosing our illnesses, helping us to learn, assisting us at work, creating art for our enjoyment. Like the taming of fire, the invention of the wheel and the widespread adoption of machines, the development of artificial intelligence will doubtless some day be seen as a quantum leap in man's ability to shape his world.

I hope you leave this exhibition convinced, as I am, not simply of man's limitless potential, but of a common obligation to share freely our growing store of knowledge—and to make certain it is used wisely and solely for the benefit of mankind.

Ronald Reagan
President of the United States

It is especially fitting that EXPO '85 is being held in Tsukuba Science City. This exposition is a look into the future—what we expect, what we hope and what we dream—and Tsukuba is a city of the future, where man's knowledge will be expanded and technology developed to improve the lives of people around the world.

One area we look to with great hope is the quest for artificial intelligence, a field offering enormous possibilities for mankind.

Because so much of the creative work in this young science is underway both here and in the United States, I am very pleased that the theme of our national pavilion is "Artificial Intelligence: Amplifying the Mind."

It is a presentation of how we have met the scientific challenges of the past, how we are working to reach this new goal, what success may mean for mankind, and how America's open society with its free flow of information is the foundation of our achievements.

Ambassador
James J. Needham
U.S. Commissioner General

