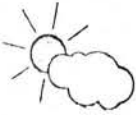


- Celebrating our 125th year -

THE DAILY TRIBUNE



WEATHER



Tomorrow's forecast:

The clouds are expected to give way to blue skies and a high in the mid-50s.

Full weather facts, page A12.

MID-IOWA'S DAILY NEWSPAPER

AMES, IOWA

Physics center gets nod

ISU will open international institute next year

By JEFFREY BRUNER
Staff Writer

Iowa State University will open an International Institute of Theoretical and Applied Physics next year, bringing researchers from around the world to Ames for extended visits.

The institute, which received formal approval by the United Nations Educational Scientific and Cultural Organization (UNESCO), will be only the second of its kind in the world. It will be modeled after the International Center for Theoretical Physics in Trieste, Italy.

"This institute will form a valuable

focus in the U.S. for research alliances involving scientists from the U.S. and the developing world," said Federico Mayor, director general of UNESCO.

"In this way the institute will complement the long-standing and highly appreciated contributions that U.S. universities already make to development by training large numbers of foreign students to doctoral levels in science and engineering."

ISU President Martin Jischke described the institute as "a rare opportunity for the U.S. and Iowa State to help shape the global community and foster goodwill."

About 50 scientists are expected to visit the institute initially, some for visits for two or three months and others staying as long as a year. As funding for the institute grows, the number of participants will increase as well.

Experiments conducted at the institute will be both basic and applied. By using techniques in physics to better understand water flow through soil, for example, researchers may find ways to improve agricultural yields.

"Institute activities must be collaborations among scientists that benefit all

PHYSICS please see page A2

FROM THE FRONT PAGE

Physics: Center's budget will total \$1.2 million

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parties involved," said James Vary, an ISU physics professor and acting director of the institute.

"That way, the young scientist from a developing country and the researcher from an industrialized nation each will be working on something of importance to that person's country or region."

Vary said the institute will allow ISU to make major contributions to the world. "By working with scientists from developing countries, we will be able to address such global issues as economic development, energy and the environment," Vary said.

A goal of the institute will be to allow scientists from developing countries to conduct advanced research and effective teaching in their own countries. The institute also hopes to foster

collaborations between American scientists and their colleagues in developing nations.

"These goals are entirely consistent with, and indeed enhance, Iowa State University's mission as a land-grant, research university, and their realization will provide important opportunities for students and faculty," said Provost John Kozak.

THE INITIAL annual budget of the institute will be \$1.2 million. ISU has committed \$500,000 annually for each of the institute's first three years. UNESCO has agreed to provide annual support of between \$100,000 and \$200,000.

Vary said the institute will not open before July 1, 1994. "We still have a lot of work to do to get the remaining support to reach our \$1.2 million operating budget," he said.