

This new set of Asian problems threatening development suggests a role for lower level technologies and skills, and for a lower level of technician trained to provide them.

There are precedents that can be followed. In both the People's Republic of China and the Republic of China, Western technology has been successfully diluted. In the Philippines there is interest in a program for so-called "barefoot managers." This means managers of small- or moderate-scale plants who would live and work in their own provincial areas.

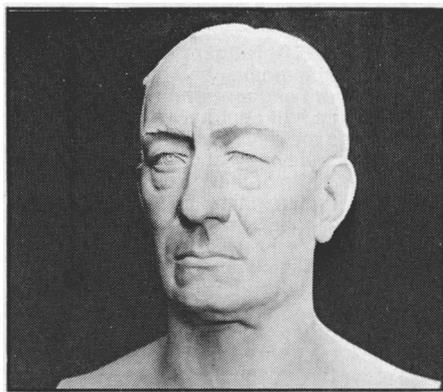
Yet there are many problems. Which advanced technologies if so diluted would be most likely to yield the best

use of human and natural resources of the given Asian nation? What are the essential elements of the technology most relevant to local, rural, and urban needs? Who is to teach the skill and how are the "teachers" to be trained? What are the likely costs?

These questions, and many others, will be examined intensively in Asia during the winter of 1973 by a group of distinguished Asian and Western specialists. Findings of that group as well as several papers on the subject will be presented at a symposium entitled "The 'Barefoot Technologist,'" arranged by Edith Coliver and Louis Lazaroff, both of the Asia Foundation.

**25 February**

## The Marconi Centenary



The 100th anniversary of the birth of Guglielmo Marconi, the father of radio, will be honored at a half-day symposium entitled "The Marconi Centenary."

The intent of the symposium arranged by Wilmot N. Hess, director of NOAA's Environmental and Research Laboratory, Walter Orr Roberts of the University Corporation for Atmospheric Research, and H. W. Leverenz of RCA Laboratories at Princeton, will be to discuss Marconi's contributions to the subject of radio. The symposium will also cover the evolution of radio into a multibillion-dollar-a-year enterprise, and the many new fields of science that have been opened up by Marconi's work.

Marconi's daughter, Mrs. Braga, will introduce the subject with personal reminiscences of her father. The program will then continue with discussion of the technological developments that have emerged from early radio, such as transistors, computers, satellite communications, navigation systems, radio astronomy, and remote sensing of the atmosphere—achievements emerging largely from the work of Marconi.

**28 February**

## Science and the People's Republic of China

Travel by scientists between the United States and the People's Republic of China has steadily increased during the last 2½ years. Initially characterized as "academic tourism," these visits have developed into intensive and substantive exchanges in fields that are of great interest to both countries, including earthquake research, agriculture, high energy physics, population studies, archeology, acupuncture, and many others.

American scientists have returned from China with admittedly incomplete, but nevertheless fascinating, reports of work in their field. Although superficial in many respects, these first visits are a foundation for future scientific cooperation between the two countries.

A symposium entitled "Science and the People's Republic of China," arranged by Anne Keatley, staff director

of the Committee on Scholarly Communication with the People's Republic of China, will survey general topics such as China's interest and participation in international scientific activities, recent developments in scientific exchanges between China and the United States, and political and social trends affecting China's science planning. The symposium will also include surveys, by recent visitors to China, of fields of particular interest for cooperation. In addition, extensive information will be made available on how to establish communication with China's scientific institutions, who has been traveling to China, what Chinese scientific groups are visiting the United States, what published materials on China's science are available, and what U.S. organizations are actively engaged in promoting such exchanges.

## The San Francisco Symphony

Tickets are now available for a performance by the San Francisco Symphony at the Opera House on 1 March 1974 at 8 p.m. Guest conductor for the evening will be Edo De Waart; piano soloist: Philippe Entremont.

Program:—Mendelssohn—"Ruy Blas" Overture

Prokofiev—Piano Concerto #3

Dvorak—Symphony #6

Prices: \$4.50 or \$7.00 (All tickets must be ordered before 1 February)

Requests for tickets should be sent, with remittance, to:

Miss Jane Kingston, Room 70A-3307

Lawrence Berkeley Laboratory

University of California

Berkeley, California 94720

Note: Checks should be made payable to the San Francisco Symphony Association. Please enclose stamped self-addressed envelope with your remittance.

# Science

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