

All the participants expressed a need for expert technical assistance in computer hardware and software design in the chemical laboratory and thought that chemistry departments could profit by the addition of a full-time computer scientist. Everyone reported, however, that their individual administrations were not enthusiastic about creating such positions in chemistry departments and interaction and communication with personnel in other departments and computer service groups was difficult.

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National Science Foundation and the Japan Society for Promotion of Science under the Joint United States-Japan Cooperative Science Program and was organized by H. B. Mark, Jr., and S. Fujiwara. The proceedings will be published by the University of Tokyo Press.

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the strenuous climb, and nearly all made it to the Aztec pyramid at the top. The exotic geology and the physical effort made this a memorable adventure.

The Mexico Symposium on Geodynamics was programmed as part of the AAAS/CONACYT Conference, and was jointly sponsored by the Inter-Union Commission on Geodynamics and the Mexican National Committee on Geodynamics.

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Geodynamics Symposium in Mexico

The symposium on geodynamics held in Mexico City 20 through 24 June was the first of its kind to be convened in Latin America. Though shortage of funding prevented the attendance of as many colleagues from other Latin American countries as we would have liked to see, the meeting was truly continental in scope.

Three main topics were examined: (i) regional problems of the Americas, (ii) driving mechanisms of sea-floor spreading, and (iii) deep-seated mechanisms of geophysical fields. The final session consisted of a field trip into the Cuernavaca Valley.

The sessions on regional problems, which was chaired by Fernando de Almeida of the University of São Paulo, got off to a brisk start with a well-illustrated full-length lecture by Charles L. Drake, who reviewed the subject of geodynamics—past, present, and future. Talks were delivered by Ernesto López Ramos (PEMEX) on the paleogeography of Mexico, by James N. Brune *et al.* on the Gulf of California, by Roger A. Stacey on western Canada, by Roland von Huene on the Alaskan continental margin, by LaVerne D. Kulm on the Oregon-Washington continental margin, by Peter Vail (Esso Research) on the Central American continental margin, and by Cecilia Bellizzia on Northern Venezuela.

Among the results contributed in these sessions were the preliminary data obtained by Brune on the Colima earthquake of 30 January 1973 and the impressive seismic profiles of the Middle America Trench by Vail, who supplied convincing evidence for accretion of the continental slope.

David C. Tozer led a session on driving mechanisms, and he presented a paper in which he attempted to derive a physical concept of a plate. Like Tozer's discussion, J. Weertman's presentation on the mechanics of ridges and mantle plumes was especially full of fresh ideas.

George P. Woollard was chairman of the final session. In the first talk Yoshio Fukao (Nagoya) offered seismological evidence for down-dip tension rather than bending in the shallow part of subduction zones. George G. Shor *et al.* contributed recent results from the Cocos Plate; Luis del Castillo *et al.* summarized the Mexican gravity data, Martin Halpern discussed plate tectonics of southern South America and recent age determinations; Donald Hussong *et al.* showed their recent work off the coast of Peru, and Woollard closed the meeting with what amounted to a keynote address on the joys and disappointments of heat flow, gravity, and other measurements to decode the structure of the crust and mantle under the Pacific Basin.

Round-table discussions took place throughout the meeting. I remember at one of these Mauricio de la Fuente spoke on the Colorado River Delta, J. Negendank on the mineralogy of lavas in the Valley of Mexico, Rafael Rodríguez on tectonic regionalization of Mexico, Roger N. Anderson on the "cold spot" under the Guatemala Basin, and T. Matumoto on aftershocks of the Managua earthquake.

The Sunday field trip included climbing the Tepozteco, a steep volcanic cliff overlooking the village of Tepoztlán. About a hundred participants, with members of their families, undertook

Forthcoming Events

December

9-13. American Soc. of **Hospital Pharmacists**, 8th, New Orleans, La. (J. A. Oddis, ASHP, 4630 Montgomery Ave., Bethesda, Md. 20014)

10-12. **Sensing of Environmental Pollutants**, 2nd conf., American Inst. of Aeronautics and Astronautics and Inst. of Electrical and Electronics Engineers, Washington, D.C. (AIAA, 1290 Avenue of the Americas, New York 10019)

10-14. American Soc. of **Agricultural Engineers**, Chicago, Ill. (J. L. Butt, ASAE, P.O. Box 229, St. Joseph, Mich. 49085)

10-14. American Geophysical Union, Section on **Hydrology**, San Francisco, Calif. (R. Lee, Div. of Forestry, 337 Percival Hall, West Virginia Univ., Morgantown 26506)

11-14. International Symp. on **Biomembranes**, Madurai, India. (J. Jayaraman, ISB, Dept. of Biological Sciences, Madurai Univ., Madurai 625021)

12-16. American **Psychoanalytic Assoc.**, New York, N.Y. (M. A. Berezin, 90 Forest Ave., West Newton, Mass. 02165)

17-19. Conference on **Computers in Spectroscopy**, Soc. for Analytical Chemistry and Inst. of Physics, London, England. (Meetings Officer, IP, 47 Belgrave Sq., London, SW1X 8QX)

17-21. Association of **Engineers and Architects in Israel**, 3rd world congr., Tel-Aviv. (AEAI, Engineers Inst., 200 Dizengoff Str., POB 3082, Tel-Aviv)

17-21. **Marine Waste Disposal**, 2nd intern. congr., Assoc. Nazionale di Ingegneria Sanitaria, San Remo, Italy. (Istituto di Ingegneria Sanitaria del Politecnico di Milano, Segreteria per i Convegni Intern., Piazza Leonardo da Vinci, 32 Milano, Italy)

17-23. International Assoc. for **Medical Research and Cultural Exchange**, Yaounde, Cameroun. (IAMR, 4, rue de Seze, 75 Paris 9^e, France)

26-30. Society for the **History of Technology**, San Francisco, Calif. (M. Kranzberg, Dept. of Social Sciences, Georgia Inst. of Technology, Atlanta 30332)