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ments, etc.; (2) internal conversion of gamma rays, including conversion coefficients, particle parameters in angular correlations, nuclear structure effects in the conversion process, polarization phenomena, etc.; (3) influence of atomic electrons on  $\alpha$  and  $\beta^+$  decays; (4) interactions of nuclear moments with atomic electrons and with external fields, including perturbed angular correlations, determination of nuclear moments of excited states, etc.; (5) the Auger effect in various shells; (6) autoionization accompanying radioactive phenomena; (7) internal pair creation, monoenergetic positrons, double quanta transitions, and other higher order modes of de-excitation of nuclear states; and (8) interactions of photons with bound electrons, including the photoelectric effect, coherent and incoherent scattering on bound electrons, single-quantum annihilation of positrons, etc. The official language of the conference will be English.

The deadline for receiving abstracts is May 15. For additional information, write to Dr. Z. Sujkowski, Organizing Committee, International Conference on Nuclear Spectroscopy, Institute of Physics of Warsaw University, ul. Hoża 69, Warsaw 10, Poland.

### Particle Physics

An international conference on elementary particles will be held in Sienna, Italy, from September 30 to October 5. Organized by the Italian Physical Society, the meeting will be similar to the conference held in September 1961 at Aix-en-Provence. This year's program is intended primarily for young physicists actively working in the field of elementary particles. Attendance will be by invitation only.

All communications concerning the conference should be sent to Miss E. W. D. Steel, Scientific Conference Secretariat, CERN, Geneva 23, Switzerland.

### Computer Science

The American Federation of Information Processing Societies is holding its annual Fall Joint Computer Conference at the Las Vegas Convention Center from November 12 to 14. The meeting's technical program will cover system organization, hardware, applications and programming, and is expected to include papers on novel computer organizations, information retrieval, computer memories, modern trends in programming, analog computers, and hybrid systems. In addition, one or more sessions are planned on the social aspects of computer technology, to include such topics as computer simulation of the economy, automation, and machine intelligence.

Three copies of both the manuscript and a 300-word abstract for each contribution must be submitted by June 3 to Paul M. Davies, Abacus, Inc., 1718 21st Street, Santa Monica, Calif. Other information can be obtained from Phyllis Huggins, American Federation of Information Processing Societies, PO Box 55, Malibu, Calif.